

Lehigh Alumni Bulletin



WASHINGTON'S PROFILE
SAYRE PARK

FEBRUARY

A lass and a lack



*No match for
her Chesterfield!*



THE CIGARETTE THAT'S *Milder*
THE CIGARETTE THAT *Tastes Better*

G-E Campus News



MOTOR TROUBLE

The lady in 856 had tossed and turned for hours. Finally, she called the room clerk: "There's a motor under my bed! I can't sleep!"

The motor wasn't under the bed. It was several floors away. Vibration, inaudible at the source, was transmitted and amplified by the building structure. Instead of a hotel, this might have been an office building, a school, a library, or a hospital. Instead of a sleepless guest, it might have been a patient.

For some time General Electric has built quiet motors, which do not sing, throb, hum, whir, or mutter. But, even so, good intentions are nullified unless motors are so installed as to check transmission of vibration. (Every rotating machine vibrates.) Now General Electric has made another contribution—*sound-isolating bases*, to isolate vibrations within the motor. E. H. Hull, Yale, '24, and W. C. Stewart, Washington U., '26, working with A. L. Kimball, Harvard, '14, did most of the laboratory work on this development.



CIRCUIT SURGERY

That well-known situation of the tail wagging the dog has a parallel in the distribution of electrical power. And General Electric engineers recommend that the tail be cut off.

To be specific, electric distribution circuits which supply current to large groups of customers should not have their reliability put in danger by less important circuits. This is fundamental. In many cases, circuits supplying outlying districts, where they are exposed to damage by lightning and the

elements, cause most of the interruptions that raise Cain with the more important service. The tail-cutting-off device to remedy this situation is a new General Electric oil circuit breaker for automatically chopping off the less important circuit when damage occurs, and restoring service when the damage is repaired. General Electric engineers designed the circuit breaker especially for this service, and it can be mounted easily on a lighting pole.



"I'LL SEND MY BOY TO NELA"

Amid the popping of static in a nation-wide broadcast, the new G-E Institute at Nela Park, in Cleveland, was dedicated just before Christmas. It cannot boast of a football team; it has no stadium or band. But it does have laboratories and classes under the direction of a distinguished faculty.

Two former G-E "colleges,"—the Kitchen Institute and the Lighting Institute—have been combined to form this new school at Nela Park. It is a clearing house for down-to-date information on the electric home, and a training school for home appliance sales representatives and home-service directors of power companies and appliance dealers. It is also a laboratory where new ideas in kitchen management, meal preparation, home lighting, and the like may be developed and tested.

Besides the laboratory kitchen and classroom kitchens, there are model kitchens of every type, from the *de luxe* kitchen for a large home to the tiny apartment-house kitchen. There is also a model laundry, and an architectural planning department which not only assists home owners, builders, and architects in modernizing and planning kitchens, but also trains specialists to go out into the field. The Institute has 22,000 square feet of floor space for exhibits and demonstrations.

This new school is under the co-direction of L. C. Kent, University of Illinois, '13, and Paul H. Dow, Kenyon, '26.

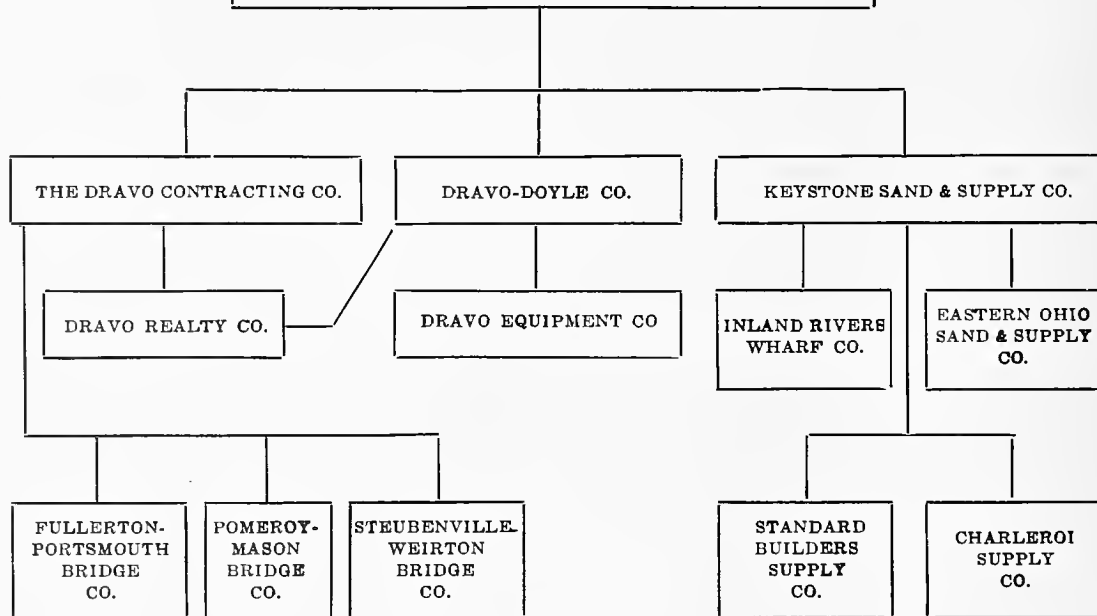


96-29DH

GENERAL ELECTRIC

COMPLIMENTS

of

DRAVO CORPORATION

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GENERAL OFFICES:

DRAVO BUILDING, PITTSBURGH, PA.

BETWEEN The LINES

DID you go to Chicago's Century of Progress? If yes, then come to Lehigh on April 20 or 21 and see a real "Hall of Science." If no, save your money; come to Open House and see a better show for nothing.

* * *

April 20 is Friday. The campus will be open to the public. April 21 is Saturday. Same show for alumni and prospective students only. Bring a boy or two.

* * *

RESULTS of annual mid-year game between Faculty and football squad: Score, Faculty 11; Squad, 0. (The 11 is made up of one freshman flunk-out, six freshmen on probation, four varsity men on probation.) Victims of probation will either get off pro or out of college by next fall.

* * *

YOU probably noticed a conspicuous error in last month's BULLETIN. The printer accepted the onus, but Dr. Carothers offered a better explanation. As he concluded his address before the January meeting of the Philadelphia Lehigh Club, Dick Morris, '89, rose to protest against what appeared to be deliberate misrepresentation by the toastmaster. "I saw that man's picture in the last ALUMNI BULLETIN," said Dick, "and his name was given as 'Dr. Bradford'." Dr. Carothers jumped to his feet "Mr. Morris is quite right," said he. "There were two pictures printed on that page. One was a dark man with a moustache. He was labeled 'Dr. Bradford'. The other was a picture of me. It was also labeled 'Dr. Bradford'. The explanation of this, as officially handed down from the Administration in Washington, is that all economists are two-faced!"

* * *

BASKETBALL

Feb. 14—Army, 3:45.*
Feb. 17—Navy, 2:30.*
Feb. 21—Rutgers, 8:30.
Feb. 24—Lafayette, 8:30.
Feb. 28—Muhlenberg, 8:30.
Mar. 3—Lafayette, 3:00.*
Mar. 7—Muhlenberg, 8:00.*

* * *

WRESTLING

Feb. 21—Lafayette, 3:00.*
Feb. 24—Penn State, 3:00.
Mar. 2—Cornell, 7:30.
Mar. 3—Pennsylvania, 2:30.*
Mar. 7—Princeton, 7:30.
Mar. 10—Navy, 4:00.*
Mar. 16 and 17—Intercollegiates at Penn State.

* * *

SWIMMING

Feb. 17—Lafayette, 2:30.*
Feb. 24—Delaware, 8:00.*
Mar. 3—Swarthmore, 3:00.
Mar. 10—Eastern Association Intercollegiates at Rutgers.

*Games away.

Lehigh Alumni Bulletin

Published monthly, October to July inclusive, by the Alumni Association of Lehigh University, Inc., Bethlehem, Pa.

Printed by Times Publishing Co., Bethlehem, Pa.

Subscription Price, \$3.00 a Year

Member of Intercollegiate Alumni Extension Service

Entered as second-class matter at Bethlehem, Penna., Post-office

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J. W. MAXWELL, '26, Asst. Editor

VOLUME 21

FEBRUARY, 1934

NUMBER 5

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Lehigh Alumni Bulletin

FEBRUARY, 1934

Repeal and Education

HOW has repeal affected the drinking habits of undergraduates?

Well, not very noticeably. It is safe to say that the per capita consumption has increased, if anything, but so far there is little indication of any attempts to make up for lost time. The old "hang-outs" seem to retain their popularity in spite of their new respectability. The first large social function since repeal, the Interfraternity Ball, was appreciably wetter than usual but still a mild and decorous occasion compared to a pre-prohibition class banquet, for instance.

Of course, repeal is still too much of a novelty for anyone to forecast accurately just how the present generation of college students is going to use or abuse its new "liberty." Our own guess is that the present crop of students will make asses of themselves less frequently than their forebears used to do, partly because of the various legal restrictions on the sale of liquors but more because of their inherent good sense.

We have little patience with those educators to whom repeal is something to be "viewed with alarm." If a college education is worth anything it ought to teach one to live gracefully in the world as he finds it; to conform to the best moral and social standards of his time and to evaluate the thoughts and actions of his fellow men in a reasonably true perspective. To drink or not to drink?—If so, when, where and how much?—These, it seems to us, are questions that education must answer for each individual and, in the answering, accomplish what legislation failed to do.

Honorary Degrees

BY VOTE of the Faculty and with the approbation of the Board of Trustees, I confer upon you the degree of Doctor of Science, with all the rights and privileges pertaining thereto . . ."

Each year, at Commencement, we witness the presentation of honorary degrees. Each year we hear the above ritual. And each year we promise ourselves to find out what all those rights and privileges are, so evidently barred to us ordinary people. But somehow, we never got around to the investigation and go blundering along, serenely oblivious. Perhaps it's just as well, for think how we would rue our own inadequacy if we should discover for instance, that one of the "rights and privileges" is that of riding on a street-

car for nothing, like a policeman, or getting seats on the fifty-yard line.

Lest such unbecoming levity be taken seriously, let us hasten to record our unqualified approval of the general practice of awarding honorary degrees in recognition of outstanding achievement in the advancement of human knowledge. No doubt the recipient feels a little foolish during the formalities, but on the whole he is decidedly gratified to know that someone appreciates his efforts. From the University's point of view, it always affords a glow of pleasure to give this academic pat on the back to one who has scored a winning touchdown in the game of life, particularly if he happens to be a Lehigh graduate.

Recently, some modifications have been made in the procedure governing the award of honorary degrees by the Faculty, a circumstance which prompts us to outline the mechanism that precedes this pleasant tradition of Commencement time. There are four degrees which may be awarded *honoris causa*: Doctor of Laws; Doctor of Humane Letters; Doctor of Science, and Doctor of Engineering. The Ph.D., M.S., M.A., B.S. and B.A. are specifically excluded from the list of honorary degrees. Not more than a total of six degrees may be favorably voted upon in any academic year. Anyone may suggest candidates to the Committee on Honorary Degrees, which consists of five members of the Faculty and the President. Five favorable votes by this Committee are necessary for a nomination. The Committee's nominees are sent, through the President, to each member of the Board of Trustees for his consideration, after which the names are submitted to the Faculty with a letter ballot, a three-quarters vote being required for approval. The result of this election is then certified to the Board for approval and confirmation.

From the foregoing it will be evident that Lehigh does not bestow her favors lightly. That fact becomes even more apparent when you observe the studious care with which the voting members of the Faculty analyze the career of each candidate for evidence of creative leadership and pioneer achievement. So when you see a man handed a Lehigh diploma, be it baccalaureate or honorary, you can bank upon it that he has done something besides twiddle his thumbs.

Keeping Curricula Up-to-Date

SINCE this issue of the BULLETIN seems to have a slightly stronger academic flavor than usual, it may be in order to give you another little insight to a phase of faculty activity that is as important as it is inconspicuous—the constant revision of curricula to keep step with current developments.

Well do we remember the problem cards in Calculus and Steam Engines that were handed to us years ago to battle out on the black-board. It was popularly believed by all of us that Asa Packer had written those questions with his own hand when he founded the University, and they had been handed out each year to plague anew the bewildered beneficiaries of his munificence. We were quite sure, too, that our professors had the best jobs in the world, for all they had to do was to grade our work and spend the rest of the day strolling along the Monocacy or spading their gardens. But since we have been privileged to work side by side with the splendid men who are devoting their lives to Lehigh, the picture has changed. We see them now as they study and scheme on ways to “get the stuff across” a little more clearly, a little more thoroughly; we see them spending hours between classes patiently explaining, helpfully consulting with their students; we see them slipping off to a research room to get in a couple of hours’ work on a pet problem or a new textbook before they must leave to attend a committee meeting which will keep them until supper time when they hurry home with a brief-case full of quiz papers to be graded and periodicals to be read and possibly incorporated in tomorrow’s eight o’clock lecture. Yes, a college professor *has* one of the best jobs in the world—if he’s willing to give his whole heart and his whole life to an unselfish ideal and to reap his reward in the success of his former students.

If we have digressed, it was only to emphasize that the modern college professor is, as a rule, pretty much “on the job.” He must keep abreast of the latest developments and trends in the world at large, adapting both his thinking and his teaching to conditions affecting his special field. Evidence that he does so is supplied periodically by modifications in the curriculum like the following recently proposed by the Committee on Educational Policy:

To substitute for Chem. 184, Chem. 170—Industrial Biochemistry, with special emphasis on tanning, foods, fermentation industries, sanitation and sewage disposal.

To drop the course in “Nineteenth and Twentieth Century Diplomacy” and to add “International Politics—the emergence and evolution of the European state system and its transferal to the western hemisphere; capitalism and the states; nationalism and the states; international disputes and their settlement; war in World society; the politics of peace. Throughout this course the influence of scientific advance and especially technology upon competing state systems is emphasized.”

To drop “Bus. 49, Business Cycles and Forecasting”—(Do we hear applause?)—and to add “Bus. 51, Social Institutions—outlining the fundamental institutions of the social order, with special reference to their origin, growth, and present inter-relations.”

These are just random samples from a typical set of modifications to the various curricula. Perhaps they’ll serve to warn you that the lecture notes you saved so carefully won’t be of much use to your boy when he comes to college.

Our Old Teachers, God Bless ‘Em!

AS YOU recall your whole school experience, is there one teacher who stands out prominently as having exerted a great influence upon your life? This is the question that Edwin Van Keuren, ’23, asked of a large number of college graduates in gathering material for his Master’s thesis in Education. His study was designed to determine the degree to which the personality of the teacher is a vital factor in the educative process. The completed thesis is an illuminating and interesting piece of work, but for our present purpose we are merely peeping over Ed’s shoulder at some of the replies he received from Lehigh men. We wonder if you will be able to identify some of the “old-timers” referred to in these interesting confessions.

The teacher that exerted the greatest influence on my life was Professor — at Lehigh. I did not attend any classes under Prof. — but listened to him discuss the subject of religion six or seven Sunday evenings one winter at the Fraternity house where I lived. These talks were given by Prof. — under the auspices of the Y. M. C. A., but Prof. — gave us to understand that he had departed considerably from the instructions he had received from the Association in regard to the character of his talks. I was not a student of religion at that time, nor am I now, and moreover I am not particularly interested in the subject. In his talks Prof. — outlined his approach to the subject of religion and revealed his systematic method and broad-minded viewpoint in dealing with such a controversial subject. It was his frankness, and his freedom in revealing his own experience, I believe, that impressed me. These talks caused me to do some real thinking, something which I regret to say none of my other teachers at college were apparently able to arouse in me.

* * *

At college, strangely enough, I feel that — with his repeated platitudes instilled that Lehigh spirit which says—“What of it if you lost? Did you put up the best scrap you could? That’s what counts. It’s not the success, but how you tried.”

* * *

I’m sure my life was changed by my association with some of my professors.

1. For the first two months of my term in Economics — sarcastically singled me out to the exclusion of every one else. He left his mark.

2. I had a subject under — (credit 1 hour). I averaged 4 hours preparation. He gave me a 3.9—an example of what I got from him for three years, so he too left his mark.

My four years at Lehigh would have been much happier without either of the above but even now I think my gain may have been greater than my loss.

* * *

Perhaps these samples will prompt you to think back in your own experience with interesting results. I have just been doing so myself and realize that had it not been for a certain young lady who attempted to teach me English in High School I would not be sitting here now at 2 A.M. trying to capture rambling thoughts that are not worth preserving. And as the lady undoubtedly has grandchildren of her own to “work out” on now, I’m going to call it a day. Good night.

Extra-Curricular Work by Faculty During 1933 Adds to Lehigh's Prestige in Many Fields

Survey Shows Surprising Amount of Research Work, Writing, Public Speaking and General Participation in Public Affairs by Members of Staff, with Many Noteworthy Accomplishments

IF YOU don't happen to find Lehigh mentioned on the sporting page or elsewhere in your favorite daily newspaper as often as you would like, don't jump to the conclusion that your university is being crowded out of the limelight or is failing to contribute its share toward progress in the many fields of learning represented on our campus. Our faculty, through its wide assortment of extra-curricular activities, such as public addresses, writing of books or articles and in many other ways, is responsible for keeping Lehigh's name continually to the fore in a very wholesome and constructive manner. In a more or less casual review of the work done by our faculty during 1933, we found that in the aggregate there was just about one public address, paper or publication by a member of the staff for every day in the year. It may have been an article in the Sunday magazine section, a textbook, a paper on a research project, an address before a group of alumni, a service club or high school audience, or an announcement of a patent. In each instance, a certain group of individuals, whether they be the several hundred thousand readers of a metropolitan newspaper or a small group at an engineering or scientific society meeting, was made to realize that a particular member of Lehigh's faculty was on the job and had something

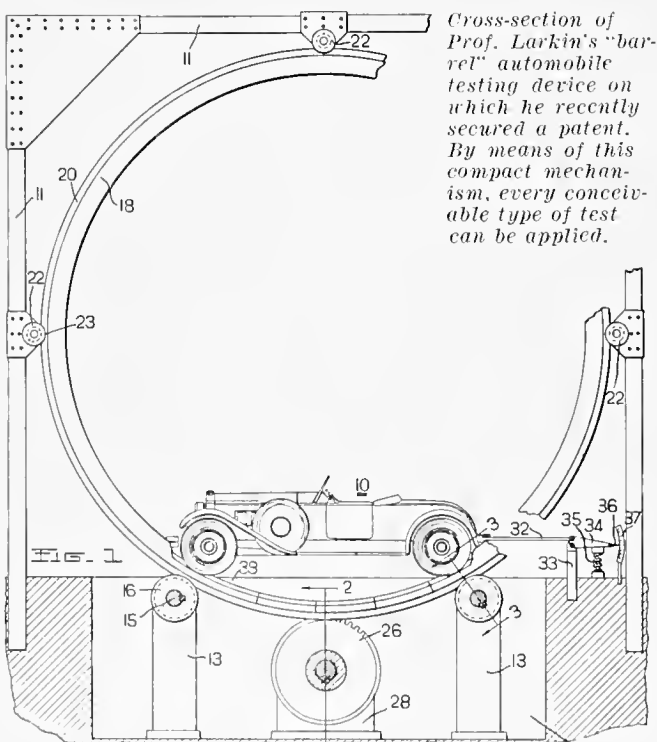
new to offer in his particular field. Just the other night, Dr. Neil Carothers, head of the College of Business Administration, carried Lehigh's name before 1,300 bankers in New York City when he delivered the principal address at the annual banquet of that chapter of the American Institute of Bankers, held in the grand ballroom of the Waldorf-Astoria.

Before going any further we don't want to give the impression that our faculty's primary job of teaching is suffering in any way because of this sort of work. Quantities of the mythical midnight oil burned in campus labs and offices and autos parked in the vicinity of campus buildings on holidays and Sundays give mute evidence of the time when a great deal of the research work and writing is accomplished. Some of the men stayed on the campus the greater part of the summer when they had no classes, in order to work straight through on certain projects which required concentrated efforts. There are, of course, those members of the faculty whose teaching assignments are such as to give them little opportunity to do extra work. This is particularly true of those who have several lab. classes to instruct.

While the greater part of 125-odd research projects completed or inaugurated on the Lehigh campus during the past year were in the realm of pure science or at least do not have immediate practical application, there were quite a number of general interest and those involving the more commonplace things. As would be expected, the bulk of the research on our campus is of a technical or scientific nature, but there is also appreciable work being done in the fields of education, fine arts and literature, labor, economics, geology, marketing, psychology, bacteriology, history, language and biology.

In addition to the research work, as such, which constituted a big slice of our faculty's extra-curricular work during 1933, the members of the staff were far from stingy with their writing and speaking. There were 21 books written or revised, 11 others in which Lehigh faculty members were co-authors; 2 pamphlets, 35 book reviews, 100 articles, 2 translations and 183 speaking engagements.

THIS has been a strenuous and particularly productive year for the faculty of the College of Business Administration. Several members of this staff have been in the thick of the fight in the startling economic and industrial developments of the past several months. Dr. Neil Carothers, head of this college, and Dr. F. A. Bradford, associate professor of economics, played leading roles in the campaign against inflation, as related in the January BULLETIN. Dr. Carothers was



also extremely active during the past six months as director of the NRA in Bethlehem, not confining his work to this city, but taking a leading part in effecting working organizations for this program in Allentown and several other cities and towns of the Lehigh Valley and Eastern Pennsylvania.

In spite of the terrific pace he maintained in connection with the NRA and anti-inflation campaign, Dr. Carothers found time to write six leading articles for the *New York Herald-Tribune Sunday Magazine* and deliver twenty-one major addresses throughout the year on a wide variety of topics. Several of these were given before our alumni groups and one was before Lafayette's alumni in June.

Collectively the members of this department were responsible for twenty-five reviews of books and articles in their fields, thirty public addresses, two revised text books, one manuscript for a new book, eleven articles, two commentary letters.

AS USUAL we find the chemistry building boiling over with innumerable research projects on X-rays, drying and other oils, absorption, latex, colors, crystal structure, nitro thiophene, vitamins, nitrates, wetting agents, cotton, wool and other proteins.

Two major research projects consummated on our campus during the past year were a synchronous-mechanical rectifier-inverter by Prof. Stanley Seyfert, '04, head of the curriculum in electrical engineering, and an auto testing plant by Prof. Fred Larkin, head of the mechanical engineering department. Professor Seyfert has received a preliminary patent on his device, while Prof. Larkin has been awarded final patents on his mechanism, both of which are illustrated on these pages.

ALONG the line of educational research, a practical experiment was carried out involving students who had been delinquent in the Bethlehem South Side High School (renamed Broughal recently) located at Packer and Brodhead Avenues, directly across from the campus. Groups of ninth grade students who had failed in three or more subjects showed marked improvement after short periods of remedial courses in reading and arithmetic reasoning.

A new technique of time study in silk mill occupations is being carried on in the Psychology Department, several projects undertaken by undergraduates being responsible for much of the basic data. One of these is classified as "Character Analysis and Success in Silk Mill Occupations," by Parker Berg, '35, son of J. Daniel Berg, '05. Another line of research in this department is "Visibility and Legibility of Moving Targets."

Prof. Benjamin Miller and other members of the Geology Department are conducting an exhaustive survey of the origin, distribution and utilization, and past history of the Lehigh Valley and its natural products.

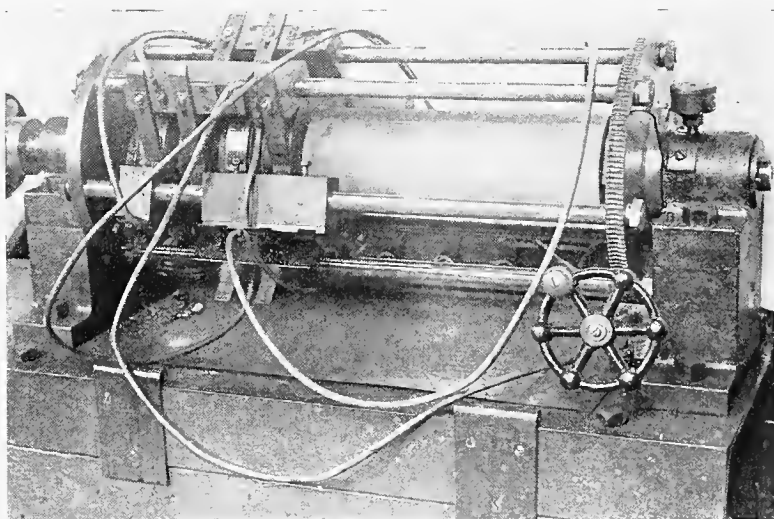
Other research of a rather unique nature now in progress at Lehigh includes a study of the electric currents of muscles of the human body by Henry C. Knutson of the E.E. Department; grease resistant coatings for paper-asbestos plates by J. S. Long, '14, and Judson Smull, '06, of the Chem. Department; tastes and odors in the Delaware

River, from Hancock, N. Y., to the outlet of the Lehigh River at Easton, by Stanley Thomas, professor of bacteriology; archeological evidence for the origin of Rome, by Dr. Horace Wright, professor of Latin; "Diary of an Archbishop," by Prof. Sydney Brown of the History Department, as one of a series of the "Record of Civilization"; revision and extension of two of the *Canterbury Tales*, by J. Burke Severs of the English Department; under water welding by Profs. Hibshman of the E.E. Department, Jensen of the C.E. Department and Doan, '19, of the Metallurgical Department; "Group Values Within a University," based on the Lehigh students and faculty, and "What is the Use of Personnel Data?" both by Dr. Daniel Harris, of the Psychology Department.

Educational surveys were conducted by Prof. M. O. Fuller of the C.E. Department, who made a comprehensive study of the C.E. courses in thirty American universities with particular reference to mathematics, civil engineering and electives; by Dr. Robert Billinger, '21, of the Chemistry Department, on methods and experiments for elementary lab. courses in his field; by Dr. H. P. Thomas of the Education Department on the requirements for certification of secondary school principals in all forty-eight states. Prof. Thomas is also quite active in vocational guidance work, serving as program adviser for the 1933 meeting of the National Vocational Guidance Association of which he is now a regional adviser.

Additional scientific research projects recently completed or under way include ones on refrigeration, kinematics, reinforced brick columns, structural and alloy steels, concrete, photo-elastic studies in steel, alternating and direct currents, forces on transmission lines, cathode rays, power losses, eccentricity in helical springs, torsion in I-beams, beryllium-magnesium alloys; fan testing and air measurements, lubrication, bearing metals, internal combustion engines, astrophysics, arcing between electrodes, pure iron welding, thermal conductivity, gamma rays, helium arcs, pure mathematics, screening efficiency and capacity of vibratory screen when operating with magnetic ores.

In order to tell the complete story of the work done at Lehigh in 1933, it would require at least one complete issue of the BULLETIN, so we have been confined to some of the high spots in this article.



Compact synchronous-mechanical rectifier-inverter developed by Prof. S. S. Seyfert, '04, for which patents have been applied.

Get the Fundamentals, Young Man!

MR. W. H. CARRIER, President of the Carrier Engineering Corporation ("Artificial Weather") lectured in the Packard Laboratory last October. A short time later, one of the mechanical engineering sophomores who had heard the talk, wrote Mr. Carrier expressing his desire to specialize in air conditioning and asking his advice on how to prepare himself for that field. Since the Mechanical Engineering curriculum does not list any courses in air conditioning until the senior year, this young man felt that he would have to work up his specialty "on the side." Mr. Carrier's keen and kindly reply, constituting a hearty endorsement of a traditional Lehigh policy, follows:

Jan. 11, 1934.

Dear Sir:

I am very glad to advise you with reference to your college work to prepare yourself for air conditioning. I am particularly glad to advise you because I hope to remove a misconception which I find to be very general among college men, and that is that in order to prepare themselves for any branch of engineering, such as air conditioning for example, they have to specialize in air conditioning. That is the last thing they should do.

What you need to get at college, and what will be of the greatest future benefit to you, is a broad engineering knowledge—not a specialized one. I know this advice does not appeal to you now, but it will very definitely when you have had five or ten years' outside experience.

Not only do you want a broad engineering knowledge because it lays a foundation for specialization later on, but because there are many analogies between all divisions of engineering. These analogies are most valuable in the development of any art, and in engineering practice generally. For this reason broad knowledge will in the end carry you much farther than specialized knowledge.

The second, and probably even more basic reason for generalized rather than special study, is that there are certain basic laws and modes of procedure that are common to all branches of engineering. A thorough understanding of these fundamentals is essential to any specialized branch of engineering and should greatly simplify the problem of college instruction because once these basic principles are thoroughly and completely understood, together with the field and method of their application, all engineering is greatly simplified. Unfortunately, most college graduates have not made full use of their opportunity in gaining this fundamental knowledge,

Specialized Training in Engineering Colleges
Is Often Obtained at the Expense of the
More Important Basic Science, Says

W. H. CARRIER

President, Carrier Engineering Corporation

and consequently it has been found necessary in our Air Conditioning Training Course to begin instruction and to spend a large proportion of the time in the basic fundamental physical and engineering principles. These principles should have been thoroughly mastered by all technical graduates, but it is here that we find their knowledge is frequently most defective.

The specific fundamental information in which you should ground yourself in order to be well prepared for engineering in connection with air conditioning is:

First. The general laws of vapors and gases, including particular attention to the law of partial pressure.

Second. A thorough study of the laws and phenomena of heat transfer, particularly of heat transfer from a moving fluid (gas or liquid) to a solid surface. This is a very fundamental process underlying nearly every branch of engineering, and I do not believe sufficient attention is given to it in most college courses. At least, I find very few engineers know about it. They generally fail to realize its extreme importance, not only in air conditioning but in every other line of engineering practice where heat is involved. This is more important in the practice of engineering than thermodynamics. It is at present inadequately taught in most of our colleges.

Third. You should have a thorough fundamental working knowledge of the basic principles of hydro and aerodynamics. This is very important in all work involving the flow of gases or liquids, and hence important in ventilation and air conditioning as well as in innumerable other branches of engineering. This is, also, generally inadequately understood and taught.

Fourth. You should have a thorough understanding of the principles of thermodynamics, especially as applied to refrigeration or the reversed power cycle. Problems in power and refrigeration engineering, gas compression, etc., should be considered simply as practical illustrations of the application of general physical principles and not studies as an end in themselves.

In general, you should try to get that viewpoint of engineering which is based on broad fundamental conceptions of physics and mechanics — and consider the study of the specialized applications merely as illustrative of methods of applying these principles. Further than this, it is my personal experience that a student seldom follows the line he thinks he wishes to follow when in college and, as a result, any specialization except as it helps ground him in general principles is usually a waste of time.

Another reason why I look upon early specialization in college with disfavor is that highly specialized instruction in any art (such as that in heating, ventilating, and air conditioning, for example) is almost certain to be inadequate and often misleading. Text books are usually obsolete with regard to practice because practice is advancing all the time. In the same way, practically all instruction is obsolete and often incorrect except where the professors are actively and practically engaged in the particular art in which they are instructing. Even at the best they give instruction based on present practice. By the time you are in a position to make use of such instruction, which will probably be several years after graduation, the art will be so advanced that such specialized instruction may have become largely obsolete.

To be sure, it is highly desirable that you should acquire a general (not specialized) knowledge of all the more important fields of engineering problems involved and the possibility of application of fundamental engineering principles. This is in order that the abstract engineering principles may be given real practical significance to the student.

The only effective way, in my opinion, to learn a special art is to study that art in practice with that well grounded knowledge of fundamental principles which it is your business to acquire at college. These do not change and can be learned just as well in the smallest school with the poorest sort of facilities as in the very best universities with the finest laboratories. In fact, I am now inclined to believe that the very condition of exceptionally modern and complete equipment in some of our universities may detract from the proper emphasis which should be placed on the simple fundamental elements of engineering. I have seen this tendency shown in graduates from certain colleges which we have employed.

While this is quite a lecture in answer to your letter, I hope you will aid by passing these opinions along to your associate undergraduates where I believe such advice is greatly needed.

Yours very truly,

W. H. CARRIER.

"Mr. Carrier's Views on Technical Education Are in Complete Harmony with My Own," Says President Charles Russ Richards. "Lehigh Has Gone Further Than Many Schools in Eliminating Specialized Instruction and in Strengthening and Broadening the Curricula."

Alumni Co-operation Essential for Success in Intercollegiate Athletics, Says Kellogg

New Director of Athletics Outlines the Procedure He Is Following In His Effort to Relieve the Depression in Football at Lehigh

Editorial Note: In the December issue of the BULLETIN, we published a letter from an alumnus identified only as "Bill." In his letter, "Bill" asked that somebody please tell him just exactly what the new regime in athletics proposed to do about the conditions that have brought such distress to Lehigh's camp each November. In the same issue, we attempted to give "Bill" the answer although we pointed out that we could not speak officially for Colonel Kellogg. Now, however, the latter speaks for himself, in answer to "Bill," in a letter addressed to the Editor:

January 19, 1934.

My dear Buck:

Many thanks for the opportunity and the invitation to write an article for the BULLETIN, concerning the Athletic situation here and plans for the future. What I shall have to say will be a little superfluous considering the way you covered it in your article in the December issue. However, here goes:

I feel very sure that the new type organization will function much more efficiently than the old. With all due respect to those men who served on the Athletic Committee long and well, the committee form of government is not efficient, capable of rapid action, or rapid judgment when necessary, and in many cases the policy of a committee is a matter of compromise between the various elements of the committee. Also, the coaching staff, as built up under the old organization, was more or less a system of accretions, with many of the men on part time only. In the new organization an attempt has been made to put all possible men on full time, and reorganize their duties so that they may function more efficiently.

Full-time Coaches

An Athletic Department should be made up, as far as possible, of men who are devoting their lives to athletic work, and not of men whose primary interest is elsewhere, and with whom coaching is only a sideline. There is always the necessity for part time men as assistant football coaches during the Fall season, but the key men should all be on full time. In passing, it might be well to state that the best practice in securing part time men for football is to have them all trained in the same system of coaching as the head coach.

Lighter Schedules

The football schedules have been beyond the ability of the Lehigh team to cope with successfully, and the defeats at the hands of greatly superior opponents have weakened the team physically, and lowered its morale to the point where it had a defeatist complex and could not rise to the situation against teams which it normally would have had a good chance of defeating. It may be that the football schedule will have to be lightened further, but that is a question for time, coaching staff, and material to decide.

I realize the problem of coaching is a delicate one, but I wish to go on record as saying that I believe next year's coaching staff will improve the football team materially, and that we shall not only win more football games than we have in several years, but also will make a much better showing in games which we lose than we have in the past.

In spite of a losing football team, the morale of the student body was excellent last fall, and should be better this fall.

Watching Athletes' Scholarship

Undoubtedly much good football material has been lost through scholastic failure, and it is not at all impossible to retain a much larger per cent of it. This statement is based on observation and practice elsewhere. As regards the specific situation at Lehigh, for the first time in many years the freshman football coach is a full time man, having charge also of freshman basketball and baseball, and one of his duties is the active pursuit of all freshman material in these sports in their studies. This includes making contacts with the faculty and generally keeping men up in their work. While no amount of work on the part of the freshman coach can make all boys pass, it will materially decrease our loss from the freshman squad.

"Purity Policy Here to Stay"

This naturally brings up the whole question of material, and with it the question of the so-called "Purity Policy." There is no doubt but that the "Purity Policy" which has been in effect is here to stay, not only at Lehigh but it is being adopted widely in this section by other colleges. The action of the Middle Atlantic Association of Colleges and Secondary Schools, and the recent action

of the Presidents of the Pennsylvania colleges in the form of an Association on adopting rules, all are tending to promote, among the other colleges of the state, the standards which have been set at Lehigh for so long.

Alumni Must Help on Material

Now as to material proper. There are, throughout the area from which Lehigh naturally draws, many good athletes with mental ability to meet Lehigh standards, and with money enough to come to Lehigh. It is upon such prospects that the alumni interested in the future of Lehigh athletics, and especially football, should concentrate, and this work should begin at once as men entering Lehigh in 1934 under the rules will not be available until 1935. This work, of course, can be urged and directed from the central office, but the actual work in the field must be done by alumni who desire to improve the athletic situation here. Unless a certain number of the alumni are willing to undertake this work no amount of good coaching and management can raise Lehigh teams above a certain level. One thing is sure, that in the present days of competition between colleges in athletics, the only college which can be successful is the one which has full and complete cooperation of its alumni with the athletic program, and also their enthusiastic support.

Courses for Coaches

Definite plans are already under way to set up courses, as electives, in the College of Liberal Arts as well as Business Administration, which will prepare Lehigh alumni who so desire to act as coaches in high schools and academies. One of the weaknesses in the past has been that very few alumni were in educational work, and consequently other colleges have had more men acting as feeders to their athletic teams on account of their positions in schools than Lehigh has had. While Lehigh will never turn out as many teachers as some institutions do every man counts.

The alumni can rest assured that the Administration of the Department has a definite plan, and is working toward a definite goal, but must have continuous aid from the alumni in order to reach it.

Yours very truly,

N. A. KELLOGG.



The Philadelphia Club, Celebrating Its 41st Anniversary, Learns Its ABC's

Most folks stop celebrating birthdays by the time they're forty, but the Philadelphia Lehigh Club is just getting limbered up on the gentle art of celebrating another milestone. The forty-first anniversary, observed on Jan. 26 in the traditional rendezvous at the Bellevue-Stratford was a striking example of the comforting thesis—Life Begins at Forty. Maybe the fact that prohibition was dead contributed to the life of the party—it certainly had something to do with the popularity of the Alphabet Game conducted continuously at Pop Shipherd's table.

A sterling innovation, this Alphabet Game—one that should become an institution. The rules are pleasantly vague and delightfully flexible, but roughly it involves sticking a pin in a newspaper; whereupon somebody starts reciting the alphabet and when it comes to your letter you owe the pot two bits. The waiter helps himself from the pot when he brings the drinks.

But let's see, now, we were reporting the meeting, weren't we? Well, first let's have the Secretary's report—Mr. Bernstein! (You know the real reason the Philadelphia Club has an annual meeting is to hear the Secretary's report—the formal speakers are just window dressing.) Says Berny, the Club broke several records during 1933-34. He ought to know, for he's been keeping the records for 31 years. Among the records were attendance at Birthday Party, Lafayette Lobster Dinner and Sub Freshman party. Another record—still some

surplus in the treasury. Berny also elected some new directors but we forget who they were as the alphabets were flying thick and fast at the time of the announcement.

Did we tell you about the alphabet game? Oh, yes. Well, they're still playing it over at Pop's table and President Bob Farnham is pounding the table to start the speeches. First, Okey. Same old Okey. Still boiling over with Lehigh pep. Said the purity policy in athletics has cost us a lot. "And how!" chorused the alphabet table, which included a dozen whose loyalty gets the better of their judgment each November. "But it's worth all it has cost," concluded Okey. All right, pal, you're the Commissioner—have it your own way. Mebbe you're right at that.

Next a neat but not gaudy presentation speech by Cliff Lincoln, awarding the Club's beautiful trophy to the tied champions of the Inter-Academic Football League, Friends Central and Germantown Academy. Dr. Jones and Prof. Graham responded for the schools, the former pointing out that he had sent his first two students to Lehigh this year.

Neil Carothers can always be counted on to say a mouthful and make it crackle as it comes out. He did it again. Better every time we hear him.

Dr. Beardslee, the Chaplain, was swell. A real man. Some laughs and some tears. Human interest stuff about students. No wonder they love him.

Then Col. Kellogg, who promised better things in athletics—without signing

anything, though—gave us the dope on our new football coach, Harmeson.

Finally Buck—he'll probably have an editorial in this issue about the alphabet game—told us why we have an Alumni Association and for once the boy was 100 per cent right—to keep Lehigh Lehigh. Worthy object. More power to it. Pay your dues!

Chicago Lehigh Club Greet New Football Coach

To the Chicago Lehigh Club fell the privilege of welcoming Glen Harmeson, new head coach of football, to the Lehigh family. Just about one-half of the alumni in the Windy City turned out to greet him and Colonel Kellogg on Monday, Jan. 8, in the Medinah Club. The new coach impressed everybody as a fine fellow and we all wish him lots of luck—Lord knows he'll need it.

After a good dinner and plenty of punch, Kellogg gave us a very good outline of his plans for athletics at Lehigh. Most of the fellows seemed quite interested and are looking forward to a new era on the athletic field.

All Lehigh men who make Chicago on their rounds are invited to make note of the fact that the gang here gets together for luncheon on the first Wednesday of every month at Mandel's Grill, ninth floor, Wabash and Madison Sts. Come eat with us if you are in the loop.

Detroit Lehigh Club Entertains Kellogg

An enthusiastic group of Detroit Lehigh men greeted Colonel Kellogg, Director of Athletics, as their guest on January 9, at the Hotel Statler.

After a preliminary skirmish with some eats and drinks, the crowd settled back to listen to an informal and intensely interesting talk by the Colonel. For some time past the football situation has had us down—way low, but after hearing Colonel Kellogg talk, the feelings of the crowd were greatly improved. His comprehensive grasp of the situation with a frank discussion and common sense view point immediately won the gang to Colonel Kellogg and sold them a hundred per cent on his ideas for handling the Lehigh football situation. With the inspiration of a man like that, we could put Shorty Blackman and Paul Smith in as ends, string a few of our older men in between them, and lick the pants off Columbia.

Coach Harmeson was scheduled to appear but enroute from Chicago in his car, he was marooned at Elkhart, Indiana, by a raging storm—at least that is



Presenting the Philadelphia Lehigh-Club's InterAcademic League Trophy. Left to right, Robert Farnham, '99; Dr. Barclay L. Jones, of Friends' Central; Prof. Daniel F. Graham, of Germantown Academy; C. F. Lincoln, '11.

what the telegram said. Elkhart is only thirty miles from Notre Dame and we haven't found out yet if Harmeson was kidnapped by the fighting Irish who feared their former place in the football world might be threatened by a mighty Lehigh team rising Phoenix-like from the ashes of a past.

We missed Buck, the "wandering minstrel" of the campus, with his always newsy tales of the latest happenings. He said nothing short of illness in the family could have kept him away. Doc Porter was all set to be there, but for some unaccountable reason didn't show up. Maybe he had some fowl puns on his chest and ran into a game warden at Ann Arbor. We missed his latest edition of stories and comedy.

We were glad to have a number of new Detroit-Lehigh men with us and every one left the meeting rejuvenated.

Lehigh men in Detroit lunch together at the Cafe Rouge, Hotel Statler, the first Monday of every month.

Introducing the Central New York Lehigh Club

Through the efforts and initiative of Wharton, Chapman and Scatko, the co-operation of the Alumni Office, and the hospitality of Mr. and Mrs. Wharton, the Central New York Lehigh Club was organized Friday evening, January 26, 1934. Mr. J. S. M. Wharton invited to his home all Lehigh alumni in the vicinity of Utica whose addresses he could obtain.

The eleven Lehigh men present were well repaid for coming, as a most enjoyable evening was spent getting acquainted. Each guest told of his experiences since leaving Bethlehem, and also of some well-remembered occurrence of his undergraduate days. Plans were discussed for making the club a real factor in this community, and for furthering the interests of Lehigh. The above name was selected for the club, and Daniel L. Mott, '88, was unanimously elected President. R. A. Hawkins, '24, Curran Road, Whitesboro, was elected secretary-treasurer. It was decided that the next meeting would be held in about six weeks, at a time and place to be designated later.

Lehigh men in Central New York, who are not within the area of the Buffalo and Schenectady groups, are invited to get in touch with the secretary. At the next meeting, it is planned to "round-up" the Lehigh men in Syracuse as well as those nearer Utica.

Toward the end of the evening Mrs. Wharton served a most delicious luncheon—one of those rare luncheons which would make any meeting the success this one was.

Present were: Daniel L. Mott, '88; Eugene P. Roundey, '97; Hugh B. Chapman, '00; J. S. M. Wharton, '09; J. J. Scatko, '14; R. A. Hawkins, '24; H. C. King, '30; H. W. Ruggles, Jr., '31, of Utica, and Gordon E. Kent, '07; C. P. Salmon, '22; H. K. Weiss, '28, of Rome.

Swimmers in Rough Water So Far This Season

The swimming team started out the season with only mediocre prospects at the best and then suffered a solar plexus blow by the loss of its captain, Walter Jackson, star sprinter, through the mid-year exams. Jackson was not only good for several points in the sprints but was also an important cog on the relay team, so it looks as if the natators are in for a tough season.

The team didn't make much of a splash in the opening meet with Princeton, the Tigers outclassing us in every event, winning by a 61 to 10 score. The best we could get was a couple of second places. A loosely arranged meet with George Washington was lost 43 to 23. We would have been represented by only half a team had it not been for Bob Swope, '35, son of Bob Swope, '10, who drove three swimmers to Washington over roads which were made extremely hazardous by ice and snow.

Quintet Hopes to Stage Come-back Against Rivals

Failing to strike its stride so far this season, the basketball team is making a desperate effort to get back its winning ways for the annual series with Lafayette and Muhlenberg. Faced with a schedule that called for only two home games to date, the quintet has been able to capture but one out of five games, this one from Haverford, 23 to 13.

The season opened at Princeton, the Tigers winning, 29 to 17. With a three-point lead and scarcely a minute to go in the next game, with Swarthmore, our team looked like a certain winner, but the Garnet pulled the seemingly impossible by scoring two field goals in a matter of seconds and took the game 33 to 32. The final game before the mid-year exams resulted in a rout for us, Rutgers winning by a 44 to 10 score, for our worst defeat in this sport in some time.

The schedule was resumed at home on February 3 with the West Chester State Teachers' College, and this team surprised us with a 35 to 15 win.

Defeat of Illinois Boosts Wrestling Stock

Billy Sheridan's 1934 edition of Lehigh wrestling passed through its first acid test of the current season on February 3, in the first meet of the second semester, by repelling a western invasion by the University of Illinois, 21 to 11. Year in and year out, Illinois has one of the best mat teams in the Big Ten and this year is no exception. They don't have many veterans, but neither do we.

Earlier in the season, the Brown and White grapplers won their annual opener from Syracuse, 24 to 8, but as the Orange doesn't count for a great deal among the wrestling greats of the East, this win didn't carry much weight. But with the victory over Illinois, our wrestling stock climbed several points.

Engineers' Lounging Room Furnished by Baby Bond Issue



This new smoking and lounging room in the Packard engineering laboratory was completely furnished at a cost of \$600, recently by the undergraduate honorary fraternities in mechanical and electrical engineering, Pi Tau Sigma and Eta Kappa Nu. The funds were raised by means of a miniature bond issue in which 120 bonds of \$5.00 denominations were sold to undergradu-

ates, their parents, faculty members, University officials, etc. The University contributed an equal amount to refinish the walls and floor.

This lounge was formally dedicated with an appropriate program on January 5, conducted jointly by the two honorary societies. Three of the bonds were redeemed at this time.

Lehigh Civils Stage Dinner During A.S.C.E. Convention

Lehigh alumni attending the annual convention of the A. S. C. E. in New York in January joined for a delightful dinner party in the Canadian Club, at the Waldorf Astoria, on the evening of Jan. 18. This little family function, organized largely through the efforts of Alexander Potter, '90, was sandwiched in between the Thursday afternoon session and the smoker that evening.

There were twenty-three Lehigh men present, counting several members of the C.E. faculty, as follows: W. D. Aiken, '07; R. R. Althouse, '28; W. D. Ayers, '24; John W. Boyer, '05; W. L. Fairchild, '90; Prof. M. O. Fuller; J. W. C. Gregg, '06; Prof. C. D. Jensen; E. T. Kelly, '28; Thaddeus Merriman, '97; R. E. Neumeyer, '30; Prof. H. G. Payrow; W. C. Perkins, '90; Alexander Potter, '90; E. D. Prindle, '90; H. T. Rights, '95; H. T. Rights, '27; L. R. Shellenberger, '91; Henry J. Sherman, '90; K. A. Sheppard, '26; Prof. Hale Sutherland; Prof. E. H. Uhler, and Aubrey Weymouth, '94.

The oldest class represented at the Dinner, '90, had six men present. The meeting was pronounced a great success by all present and it was unanimously voted to make it an annual affair. It appears that Lafayette this year started the custom of arranging a dinner, and it was unanimously decided that we confer with the Lafayette alumni to the end that next year there should be a joint dinner.

Knight McGregor, famous tenor soloist, sang many songs during the dinner. At the close of the evening, whether it was for the regard in which the chairman of the committee was held, or whether it was that the members sensed a huge deficit after realizing what they got for their money, a resolution was unanimously carried that the same chairman be appointed for next year.

W. W. Mills, '87, Named to Important Post in N. Y. C.

Wm. Wirt Mills, '87, former president and now secretary of the Lehigh Club of New York, on January 3 was appointed Commissioner of Taxes and Assessments by Mayor LaGuardia, of New York City. Mr. Mills had been Commissioner of Plant and Structures under Mayor Hylan, but retired from that post eight years ago, when Mayor Walker took office, and since then has been practicing as a transportation consultant and has been in the paint business.

Commissioner Mills has a broad background of experience in newspaper work and in civic administration. For many years he has devoted particular attention to civic betterment and welfare agencies in Staten Island, where he makes his home. As Commissioner of Plants and Structures, under Mayor Hylan, he was responsible for many outstanding projects.

Brown and White Celebrates Fortieth Anniversary

On January 16, the *Brown and White* staff took advantage of the fortieth anniversary of the founding of Lehigh's newspaper to publish a special anniversary edition of twenty-four pages, the largest in the history of the paper, according to our files. The members of the two staffs and the faculty advisers, Dale Gramley and Kenneth Kost, '31, deserve to be highly commended for the great job they did on this issue. They started work back in December, soliciting special advertising and digging up interesting material and illustrations from the archives. A special glazed paper edition was distributed to the members of the Board of Trustees and certain University officials.

The first page contained a facsimile of the original paper, which, by a coincidence, was published on January 16, 1894.

One of the features consisted of articles by William G. Anderson and Elwood A. Grissinger, both '94, editor and business manager, respectively during the first year of the paper. Anderson is now an official with the Penna. P. & L. Co. at Hawley and Grissinger is an engineer in Buffalo.

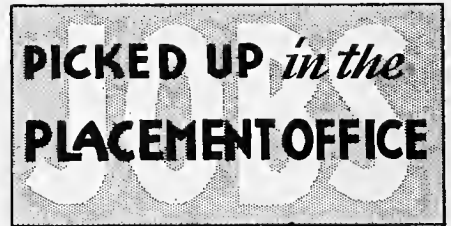
Practically every phase of undergraduate activity was reviewed from its beginning, many old illustrations showing Lehigh life of years ago. Perhaps not the least interesting feature of the paper was a large number of short excerpts from *Brown and Whites*, *Burrs* and *Epitomes* of many years back.

Robbins, '10, Acting President of University of Missouri

Dr. William J. Robbins, '10, dean of the Graduate School at the University of Missouri, is now Acting President at that institution during the three months' leave of the University's president.

Dr. Robbins is nationally recognized as an outstanding research scientist and as an authority on botany and physiology. He has written several text books in this field. He is a member of the National Research Council and chairman of the board of national research fellowships in the biological sciences.

A well known New York City building construction firm is looking for a man to work as contact man in the securing of new business, preferably a young man. Experience is not necessary. What is wanted is good social connections among property owners, banks, or insurance companies. There is a liberal commission with a written contract giving an interest in the business upon producing results without the investment of money. Excellent firm references are available. Write Placement Office for further information.



TO ALL ALUMNI:

A reminder that "jobs open" or tips on "jobs which may open later" is most welcome information in the Placement Office at all times! Three different groups of Lehigh men are interested—alumni who are in need of placement, members of the 1934 graduating class, desiring contacts with employing firms, and students needing summer work.

All candidates for jobs, of course, are urged to seek connections on their own initiative. "Rugged individualism" has an important function here. But a great many men are quite limited in the number and variety of good contacts, especially in times like the present. Hence our first appeal is to let us know not only about jobs open but about any new developments in manufacturing, in business and in construction lines that may suggest themselves for us to follow up. And our second call is to send us the names of firms you know of in your community, firms with 200 to 1000 employees, which to all appearances, have weathered the depression and seem to be doing a fair amount of business. The purpose of all this is to extend the number of different companies interested in Lehigh men, especially firms of the medium and smaller size.

During the months just ahead, members of the 1934 class are going to be eager to make contacts with various firms looking to possible future placement. The contacts are the important thing for a few months. Better business conditions may bring out more of the jobs later. As in previous years, some of these contacts will be made at Bethlehem with visiting firm representatives, but many of them will be made at company offices, during the second term.

And we are not forgetting, by any means, the alumni who have been dislocated from their jobs. New contacts are needed for them. Last year some of the younger unemployed alumni were much concerned lest when employers started to call for them again, they would pass them by and ask for the new graduates. This generally has not been the case, we are glad to report; of those employers who contacted the Placement Office last year, a goodly number of them were interested in men who had been out for one to three years as well as in the new graduates.

The percentage of the 1933 graduating class who obtained jobs is 35% higher than the percentage of the 1932 class successful in securing work! Of those placements which were made through the Placement Office last year nearly all of them were made through the attention and aid of alumni!

JOHN A. BRODHEAD, '07.



About LEHIGH MEN

OBITUARIES

J. W. DeMoyer, '90

John William DeMoyer, for the past twenty-four years division engineer in charge of roadbed, of the Atlantic City division of the Reading Railway, died on December 12, 1933, at his home in Camden, N. J. Death was due to a complication of diseases. DeMoyer was sixty-six years of age and had retired from active service in October. He was a civil engineering graduate of Lehigh and a member of Chi Phi fraternity. Surviving are his wife, three sons and a sister.

F. K. Lundy, '98

Frederic Kennedy Lundy, an insurance agent of Williamsport, Pa., died on December 14, 1933, from a heart attack. Lundy had been in the insurance business since leaving Lehigh. He was a member of Phi Gamma Delta fraternity. Surviving him are his wife, two daughters and one son.

H. L. Bowers, '00

Henry Lawton Bowers, head chemist for J. L. Mott Sanitary Ware Co., Trenton, N. J., died on January 15, after a long illness, at his home in Trenton. Mott received a B.S. degree in Chemistry and was a member of Tau Beta Pi, national honorary engineering society. He is survived by his wife, two daughters and one son.

R. W. Faust, '11

Raymond William Faust, a druggist of Belvidere, N. J., died on January 30, after a short illness of pneumonia. After receiving a Ch.E. degree from Lehigh, Faust took post graduate work at Columbia. He was an elder of the Second Presbyterian Church, in Belvidere, and had recently resigned as organist there, after having served 21 years.

E. D. Heimbach, '20

Eugene Dewey Heimbach, power sales engineer for the Pennsylvania Power & Light Co., at Harrisburg, died on January 24 in the Keystone Hospital, Harrisburg, where he had been a patient since November. After graduating from Lehigh with an M.E. degree, Heimbach was associated with the Bethlehem Steel Co. Later he entered the employ of the Pennsylvania Power & Light Co., and was with this company until his death. He is survived by his wife, one son and his mother.

BIRTHS

Class of 1918

To Mr. and Mrs. A. Concilio, a daughter, on January 19.

Class of 1928

To Mr. and Mrs. R. T. McClarin, a son, Robert Taylor McClarin, II, on January 5.

MARRIAGES

Class of 1926

Ralph W. Best to Miss Martha Marie Sommers, daughter of Mr. and Mrs. J. C. Sommers, on December 31, 1933, at Warren, Ohio.

Class of 1927

John S. Ford to Miss Ruth Elizabeth Pringle, daughter of Mr. and Mrs. R. B. Pringle, of Tulsa, Okla., on December 28, 1933, in the Christ King Church, Tulsa.

Albert H. Trumbull to Miss Isabelle Lindell, of Canaan, Conn., on November 11, 1933.

Class of 1929

William H. Jennings to Miss Sarah Katherine Kirk, daughter of Mr. and Mrs. J. E. Kirk, of Chester Springs, Pa., on December 27, 1933.

Class of 1933

Russell T. Dean to Miss Sophia Martha Schureman, daughter of Mr. and Mrs. Joseph Schureman, of Allentown, Pa., on June 21, 1933, at Elkton, Md.

PERSONALS

Class of 1876

Billy Raeder is still going strong. He delivered the Christmas address in the Masonic Temple, Scranton, Pa., to the Sir Knights of Melita and Cour de Leon Commanderies, Knights Templars, on Christmas Day. On January 9, Billy spoke before the Scranton Advertising Club on "Psychology of a Long Virile and Useful Life." Billy certainly is qualified for a speech like that.

Class of 1889

45-Year Reunion, June 8-9, 1934

W. A. Cornelius, Correspondent
203 Rhyle Lane, Bala-Cynwyd, Pa.

We must keep reminding ourselves right along about our 45th reunion in June. Before long, I will send cards, with names and addresses on them, to different members of the class, so they can contact these men and find out if they are coming to the reunion. I'll try to divide these cards alphabetically, by locality, by fraternities, roommates, etc. There is no reason why we should not get back a record percentage of attendance. Pass along to me any suggestions you may have, or hear of.

Class of 1891

Walton Forstall, Correspondent
1800 N. 9th St., Philadelphia, Pa.

We are hoping (as I write) to stage a five-man reunion of the Class at the forty-first dinner of the Philadelphia Lehigh Club. This occurs on the twenty-sixth, and will be past history when you read these words. Next month I will tell you all about it.

Another Coxe reading notice: E. H., himself, is Liquor Sales Manager of the Pennsylvania Liquor Control Board at Brownsville, Pa. Those who need advice will now know where to apply.

You will see on the baking powder chart published in the January BULLETIN, that '91 does not stick out in front of the other classes, as it should. As it only takes \$3.00 per man to make our particular line shove out, please govern yourself accordingly.

Class of 1894

40-Year Reunion, June 8-9, 1934

G. E. Shepherd, Correspondent
123 N. Pennsylvania Ave.,
Wilkes-Barre, Pa.

The January BULLETIN records the passing of our old friend, T. J. Bray. "Pop", as he was best known to his legion of friends while in college, is especially remembered for his "Good Eye", and "Down the Alley, Old Man", while playing on the good baseball teams which Lehigh always boasted in the gay nineties. We will miss him.

Martenis, '94, is National President and H. E. Degler, National Secretary of Pi Tau Sigma, honorary mechanical engineering fraternity, and of which there is a Chapter at Lehigh.

A lucky errand in the bank the other day brought a firm hand on my shoulder and a quick about turn to face Billy Anderson. Billy has been with the Penna. Power & Light Co., at their fine Hawley water power development for some little time, making sure that the wheels continue to go round. The talk turned to the *Brown and White*, celebrating this year the 40th anniversary of its founding. And in this Billy was the leading spirit and the first Editor-in-Chief. So, lest you fellows forget it, to '94 goes the distinction of founding this college paper, which has justified the vision and the wisdom of its founders by all these years of continuous publication. Would that our Alumni Dues record were equally noteworthy!

The near approach of the 40-year reunion lends emphasis to Buck's remarks in the January BULLETIN as to the effect of any falling off of these dues on Class Reunions. The funds available for this purpose are directly proportional to the regularity with which these dues have been paid. I cannot say at this writing whether '94 has anything on the right side of the ledger, but if any of

you fellows are receptive to the suggestion, just remember, the sooner you send in your check the larger will be the barrel we hope to tap.

Class of 1896

W. S. Ayars, Correspondent

409 Engineering Bldg.

Columbia University, New York City

Nobody has written to me—that is, nobody in '96—since I sent off my last chapter. I have had one letter from the Alumni Office, and the only official information therein is one of those formal slips sent out when a missing brother has been located. This slip informs me that A. L. Snyder may be reached at 300 Stratford Avenue, East Liberty Station, Pittsburgh, Pa., and that the source of information is P. O. Info.—Directory Card. I don't think I have heard anything from or about Antes Latrobe Snyder in thirty-odd years, even though he and I had the honor of being members of the same fraternity. If these lines happen to fall under his eye, I would be powerful glad to have him write me.

No, I haven't had any letter from any of this dull and dotard bunch since I last wrote—at least, nothing for publication. I had a Christmas Card from Rosie Thorn, but even that thrifty soul did not take advantage of the opportunity to write a letter. But I did have a letter from Tommie Clinton, '97; pardon me!—Colonel T. M. Clinton, U. S. M. C., Retired, of 2016 Elm St., Stratford, Conn. Tommie has several daughters, and wanted my seasoned advice on colleges for the education of young women; with especial reference to Barnard. Not knowing much more about Barnard than I do about Smith or Wellesley, I passed the buck to various authorities on this campus, and also to my daughter, who had both Barnard and Teachers' College training, and I think that Tommie is due to get all the dope he wants, and more, before he gets through. The last time I saw Tommie Clinton was just after the Spanish War, when Tommie had gone into the Army and came out with an officer's commission, and I had gone into the Navy, and come out without any commission, and a dose of dysentery that kept me in bed for about six weeks.

Since I wrote the previous paragraphs, the January BULLETIN has drifted in; and as the dead-line date hasn't quite passed, I want to add a sort of a postscript. On page 5 of this BULLETIN, I find a chart referring to dues, Alumni Fund payments, etc., from 6 Sept., 1933, to 1 Jan., 1934, and I see that '96 is very bashful about coming forward. Out of 87 men with addresses, just 24 have paid their bills. The table says that's 28%, but my old slide-rule says 27.6. And '97, with 64 men, has had 22 pay up; '95, with 94 men, has had 50 come across. That's 34.4% for '97 and 53.25% for '95. Also, there were \$467 paid in by '97's 22 men, which is \$21.20 each; in '95, each man paid \$10.62, or \$531.50; in '96, each paid \$18.90, or \$454.24. Do you remember when we thought we towered head and shoulders over those two classes? Well, if you do, try to reach up to where they are now. I am perfectly sure that the average income of the Class of '96 is no lower than that of '95 or '97; and even if it isn't a good average, there are some 87—24=63 men in '96, that haven't paid in one cent—or hadn't at the end of 1933. Let's make a bold guess, and assume that we have an average income of \$5000; and assume that any man earn-

ing that much can pay \$10 per annum without going to the poor house. That's \$2.00 on \$1000, or two-tenths of 1%. To figure it out, multiply your annual income by 2, and then point off 3 places. Is there any man of you who can't do that much—in other words, tax himself 0.2% for Lehigh and for '96?

I am going to watch how that percentage grows, from now on. I know there's a well-known depression still hanging on, but I also know that most of you aren't nearly so poor as you think you are and that, at any rate, you're no poorer than the members of '95 and '97. So come across, tightwads!

Class of 1897

J. H. Pennington, Correspondent

Trenton Corporation,

Trenton, N. J.

If we only had a pull with Buck, like that of W. S. Ayars, the verbose correspondent for '96, what a book we could write. As we turned page after page of W. S.'s letter, in the January BULLETIN, we felt more and more like the piker we are. Words are just nothing to that boy. He revels in them. Incidentally, we want to tell W. S. that he must not feel too badly about not having been called to Washington. The towel man at the Columbia Gym. told me that Dr. Butler let only those professors go to Washington who could be most easily spared. That sounds good for W. S.

This class of '97 is becoming one of the most retiring in the whole list. I don't know how many of the "best class ever" are now on the retired list, but it is growing fast. Your correspondent will soon be the only worker left, and no one to be worked. The latest to join the leisure aggregation is young Pop Merriman, who quit the New York City Water Supply Board the very instant that Prohibition quit the country. This was Pop's way of displaying his distaste for water. His address is 210 W. 70th St., New York, where, I am sure, he will welcome all the letters you care to write to him.

Did you notice Buck's score card on page 5 of the January BULLETIN? This shows that Alumni Fund payments could be better, but as for '97, they are not so bad. We stand 19th in a list of 63 classes, or thirty per cent on the way to a perfect score. There are 18 classes above us in proportion of paid ups, but 45 classes below us. Well, wait until June, we'll show 'em.

Not long ago, in talking with Billy White, he told me more of that memorable baseball trip in '97, when our team cleaned up all opposition on the southern trip, and when we burned Mr. Barber's coach while celebrating. That was in the days before velvety grass, sofa cushions for gloves, etc. Billy said that down at Chapel Hill, N. C., the undulatory nature of the terrain, as circumscribed by the confines of the ball park, was such that the outfielders could not see the batter or catcher. Therefore, the first intimation which they had that the ball had been hit was to see it come sailing over the brow of the hill. Billy said that he much preferred our own featherbed field of rocks and rills.

Some three years ago, your correspondent enumerated those '97 men who had sons at Lehigh, and has repeated this list and increased it, as his knowledge of the facts warranted. We hope that we did not start the craze, as the boys who write the several class letters

are giving us plenty to read in the geneological line, and in many cases put to shame the ancient historian who wrote the 6th Chapter of 1st Chronicles, where Abishua begat Bukki, and Bukki begat Uzzi, ad infinitum. If this continues, I pity the BULLETIN reader of the year 2534, when the begets and begets will have reached marvelous proportions, and crowd out Okey's report of the Lafayette game.

Class of 1898

H. M. Daggett, Correspondent

60 E. 42nd St., New York City

It is a sad duty to report the death of our classmate, Frederic K. Lundy, of Williamsport, Pa., who died on December 14, 1933, from a heart attack. Fred was in college only a short time but he was the kind who easily made friends and he will be affectionately remembered by all of us. After leaving college he joined the insurance business of his father and has continued in that business ever since. I had a fine visit with "Kid" Lundy last summer and since he was my roommate in our freshman year, we had much of old times to talk about.

He was a prominent citizen of Williamsport, belonging to most of the civic organizations. Surviving him are his wife, the former Margaret Geddes; two daughters, Mrs. Harry Gibson and Catherine, of Williamsport, and a son, Frederic, Jr., a member of the U. S. Army, stationed in Hawaii.

L. S. Horner, "Jack", is serving his country as Assistant Deputy Administrator for the National Industrial Recovery Administration in Washington, D. C. His work is especially with the Machinery Capital Goods Codes, with which he has been intimately connected for the past 15 years or more.

"Jack" is no politician (what engineers are?) and perhaps if he were, his work might go some smoother. From the news clippings he sent me, I judge that his troubles with labor have been very real. He is accused of railroad codes through the NRA and ignoring labor and consumers. Those of us who know Jack would vouch for his dealing fairly with all these various interests, but we do not envy him his present "job".

Charley Denise, V. P., McClintic Marshall Corp., Bethlehem, Pa., has also been engaged on NRA code matters. When he came to Bethlehem three years ago, he left a big city with some doubt of liking a small town, but now thinks that Eastern Pennsylvania is the best part of the United States in which to live. Being on the spot, however, he had to go through the agonies of the recent football season. However, he shares with all of us the hopes for better teams from the new Athletic Administration.

W. W. Thurston, "Wart", 809 Commercial Trust Building, Philadelphia, writes that there is little news in the Thurston family except the arrival of eight Kerry-Blue pups last September, all of whom are thriving on odds and ends of family equipment and furniture.

This is the gist of news for January, I am sorry to say. Come on, fellows, and "kick" in some stories about yourselves, your family or your work or play.

I trust all of us are optimistic for this new year of 1934. So much expert

thought and effort are being given to Recovery that *some* very material benefit must come of it. However, skeptical we may feel about the ultimate outcome (repaying the enormous indebtedness, being allowed to run freely our own business as heretofore, etc.), let us whole heartedly give of our best to promote its success.

Class of 1899

35-Year Reunion, June 8-9, 1934

Arthur W. Klein, Correspondent
43 Wall St., Bethlehem, Pa.

I have heard from Carman and Hornor since the first of the year. They indicate general satisfaction with the way things are going. Both expect to be on hand at our reunion in June.

Has anyone in the class the present address of Harry Knight? The last address I have been able to secure is Fort Benning, Georgia.

My wife, daughter and I spent New Year's Eve with Freddy and Mrs. Wettlaufer at their charming home in Bay Shore, Long Island. They are wonderful hosts—in fact, the name of Wettlaufer is synonymous with hospitality on that part of the island.

Bill Gummere's son, Bill, Jr., is a junior in the curriculum in chemical engineering.

Bob Farnham's son, Bob, Jr., is a Junior in the arts curriculum. He is an active member of the Mustard and Cheese Dramatic Association.

Class of 1901

S. T. Harleman, Correspondent
110 Wesley St., Bethlehem, Pa.

Following are extracts from a letter from T. C. Yen:

It grieves me to hear of the death of "Davy" Clark, doubtless one of the best fellows in our class. This goes to show that we are getting on, but still we have years of constructive work ahead of us and I am sure that all of us are ready to face them and tackle the problems to the credit of Lehigh and ourselves.

If you happen to meet "Jack" Fuller, please remember me to him; I vividly recall the happy days in Shamokin, Pa., where we worked like ground-hogs in the coal mines—just a little over thirty years ago!

Yes, soon we will have our "35th Class Reunion" and may we meet once more at our usual rendezvous to talk over old times. This is a privilege and pleasure that cannot be easily overestimated—to meet old classroom pals.

We have had a severe summer, in spite of or on account of the active sun-spots! It is about over and we feel greatly relieved.

Turkey started anew at Angora and we are doing the same here in Nanking. Wish us good luck and God-speed.

Class of 1905

W. H. Lesser, Correspondent
900 Clay Ave., Scranton, Pa.

I am glad to say that the last call brought some news.

Paul Cloke was recently elected President of the Orono, Maine, Chamber of Commerce; he is also Chairman of the local NRA Compliance Board. Paul expected to attend the annual meeting of the American Institute of Electrical Engineers, held in New York, Jan. 23-25; his hotel was the Commodore.

Just heard that Walter Buck was made President of the Life Underwriters Association of Scranton. Another honor was recently given to Walter when he was made President of the Life General Agents and Managers, Inc. He has a boy at Blair Academy, where our "Scrap" Johnson is a teacher and coach.

Dean Corsa is a "Coder". He is a member of the Serum Code Authority and is quite busy writing and rewriting the Serum Code. Good luck to you, Dean. I hope you do a good job—I know what it means to work on codes.

The new address of A. J. Willis is Pennsylvania Highway Commission, Harrisburg, Pa.

If Buck has space to print one of them, you will see a picture taken in 1903, in the next issue. Shine Kirk sent it to me, along with his letter which was in the January issue.

Class of 1906

N. G. Smith, Correspondent
Fort Pitt Bridge Works
Oliver Bldg., Pittsburgh, Pa.

Herb Lauer has moved from the New York to the Pittsburgh district. He is the Superintendent of the Green Bag Cement Co. and is living at the Elmhurst Inn, Sewickley, Pa.

Dick Merriman, who had been associated with the Dravo Organization in California on the big aqueduct tunnel job with his old pal, "Stepper" Gott, is now the General Superintendent of the Metropolitan Water District of Southern California, being in charge of the entire Coachella district. He lives at 1208 N. San Geronio St., Banning, Calif.

That brings us to "Stepper":—

"Step" and Mrs. Gott spent three months in California last Autumn, returning to Pittsburgh before Christmas to greet their debutante daughter, Miss Frances Pinkney Gott, an art student at Wellesley College, Northampton, Mass.

"Stepper" tells me that he plans to leave for the Pacific Coast in February and be on the Dravo jobs again in the Far West.

Have tried for two years to draw our friend Shine Kirk into a repartee which wouldn't cost Buck a dollar a word. Hope you enjoyed that chastisement he gave me in the January BULLETIN, but don't pass up that lacing he hands the Alumni and football management for permitting a continuous parade of football lickings to go on for a whole generation and knock the morale right out of the youngsters out there on the field representing L. U. Shine was no stranger to an athletic uniform and did his darnedest then as now for the glory of old Lehigh.

Class of 1907

J. B. Carlock, Correspondent
1501 Beechwood Blvd., Pittsburgh, Pa.

An article in the *Iron Age* for December 28, 1933, discusses a two-year investigation of the eccentricity in helical springs under compression which was reported on at the annual meeting of the American Society of Mechanical Engineers in New York by J. B. Reynolds, professor of mathematics, and J. F. Houser, research associate of Lehigh University.

Andrew Weisenberg is now with the Crown Cork & Seal Co., Baltimore, Md.

A card from Fab Hansf from Roumania says he wishes he were back home.

Class of 1908

W. D. Sanderson, Correspondent
Box 215, Pittsford, N. Y.

John L. Gressitt, Gen. Supt., Pennsylvania R. R., at Chicago, has taken up his abode at 2449 Marcy Ave., Evanston, Ill.

Hope to have a lot of news in the next issue regarding plans for the 26th Reunion next June. That February luncheon meeting of '08 men living in and near New York City always brings results.

Jonathan Rowland, Jr., is Manager of the Philadelphia office of Turner Bros., Inc., Sugar Brokers, of New York City. His business address is 135 South 2nd St., and his home address 4524 Grant Ave., Torresdale, Philadelphia, Pa.

R. J. Motz is General Manager, Forest Park Motor Co., Liberty Heights and Garrison Ave., Baltimore, Md. He lives at 4403 Wickford Road, Baltimore. Guess we'll have to hold one of those 26th Reunion luncheons in Baltimore also. There's a pretty fair congregation in prospect.

W. F. Mackie is temporarily located at Chesapeake City, Md., engaged in Government Survey work on the Chesapeake and Delaware Canal.

S. B. Koch is with W. H. and L. D. Betz, Chemical Engineers and Contractors, Philadelphia, Pa.

George E. Polhemus is practicing Law in Jamaica, L. I. His office is at 8964 163rd St. and his residence 16416 86th Road.

Note to Hump Smith: Next June we should be able to tell the difference between rye and apple so you can leave your mountain dew at home, or bring just enough for you and me. (W. D. S.)

Another nice letter comes from George Brothers, who is, as usual, spending the winter at his Virginia estate and more or less laughing up the sleeve at the rest of us poor boobies who not only have to work for a living but have to live in a cold climate as well.

Now, youse guys and youse gals, let's see how the New Year's Resolution works—you know the one about sending a post card to the Class Correspondent every month with some item of interest for the BULLETIN. (P. S. The C. C. will remit the price of the P. C.)

Happy New Year to 1908!

Class of 1909

25-Year Reunion, June 8-9, 1934

D. M. Petty, Correspondent
1902 Paul Ave., Bethlehem, Pa.

The October issue carried the request that if you had any suggestions to offer that would help make our class dinner more successful, please send them to your correspondent at once. Having received none, I assume that the class, as a whole, can be divided into two general groups—those who have been satisfied in the past and those who don't care. So without any more fuss we will proceed as before and you will shortly get some details.

Raymond C. Cliver has been transferred from Perth Amboy to the Niagara Falls plant of E. I. du Pont de Nemours & Co. Ray says he is in the Production Dept. His address is 635 Orchard Parkway, Niagara Falls, N. Y., and he will be on hand in June to help celebrate our 25th reunion and also help his boy graduate.

Bob Schenk is now sales engineer with Pittsburgh Crucible Steel Co. Business address, 230 General Motors Bldg. Residence is 610 Virginia Park, Detroit, Mich.

Charles Keife's new address is 1502 E. Marquette Rd., Chicago, Ill.

C. H. Jennings' new address is 3747 Royal Palm Ave., Miami Beach, Fla.

J. S. Barker's new address is 5701 Forbes St., Pittsburgh, Pa.

L. P. Struble's new address is 335 Tuttle Parkway, Westfield, N. J.

Class of 1911

A. P. Spooner, Correspondent
1811 Sycamore St., Bethlehem, Pa.

Sam Gladding is going up. He was recently promoted to superintendent of No. 1 and No. 3 open hearths and Lehigh Mills, of the Bethlehem Steel Co. Previous to this, Sam was superintendent of the Lehigh Mills. Sam has been with the Steel Co. since 1914, and has been advancing steadily since. Good luck to you Sam.

Class of 1914

20-Year Reunion, June 8-9, 1934

J. O. Liebig, Correspondent
35 N. 11th St., Allentown, Pa.

We are awaiting patiently for an avalanche of suggestions to come pouring forth from many quarters of 1914 men all over the globe. Among one of the best suggestions received so far indirectly brought to our attention is as follows: Pat Faherty is now Treasurer of Baltimore's newest industry, National Brewing Co., and, take it from us, does Pat look swell and prosperous among the 10 headlines that took up about 3/4 page of newspaper space in a Baltimore paper recently. Well, he is so prosperous at present that we understand he is going to furnish all the liquid refreshments that 1914 will consume at the coming party in June. Our good friend, Walter Schrempel, another one of our classmates, is going to furnish all the ice for said liquid refreshments to repose upon while waiting to tickle the palates of 1914 dry throats.

What an offer! Thanks, Pat and Walter.

Shoot in some more fellows. We want some pictures of yourself too. Send them now. Why wait any longer? Only four months left. Letters and pictures from all those out of the U. S. A. Let's go. 1914 wants a peppy reunion and it is up to each one of you. Bethlehem says, "You must come over." Lehigh says, "Come up and see me some time," and then your committee will say, "How we doing, boys?"

Class of 1915

A. F. Bodine, Correspondent
Meadow Brook Rd., Fairfield, Conn.

Through strenuous efforts we have been able to learn just a little about a few of our old classmates, although it hasn't been through any volunteer work on their part. Old Casey Search is a big coal man, representing Coleman and Co., Inc., 123 S. Broad St., Philadelphia. Leigh Chandler has a new business address and is now located with Ewart, Noyes & Bond, Room 3400, 63 Wall St., New York City. L. G. Glesman is Metallurgist with the Revere Copper and Brass, Inc., and is still willing to have any correspondence that you fellows may wish to refer to him, sent to his home at 415 N. Madison St., Rome, N. Y. J. W. Albrecht has a new address and you can now reach him at 1419 Grange Ave., Philadelphia, Pa.

George R. Elder is apparently lost. When last heard from he could be reached

at 51 Maiden Lane, New York City. Mail addressed to that address no longer reaches him and if any member knows where George can be found, please let us have his address.

I don't want to be singing the same old swan song, but each time I get a copy of the BULLETIN I look at that statistical page that Buck puts in there showing where the various classes stand on Alumni participation. If you look at the last copy, you will find that only ten per cent of our class membership has subscribed to the BULLETIN, paid their class dues, etc. There is only one class in the whole list of graduates that were any worse than we are and they are only nine per cent. We all know that the times have been pretty tough, but if you can't send in the entire amount at one time, I know that Buck will be glad to accept a buck at a time.

Class of 1916

E. J. Clement, Correspondent
162 Belmore St., Floral Park, N. Y.

WHAT IS A QUARTO?

"The author has done a good piece of work in this investigation," says Prof. J. T. Burt-Gerrans of the University of Toronto.

"I have read over this paper and believe the author did a very good piece of work," adds C. A. Scharschu of the Research Laboratory of the Allegheny Steel Co.

These opinions come from the discussion of the paper, "Electrical Resistivity of Specialized Refractories," presented at a recent Annual Meeting of the American Ceramic Society, Refractories Division, and printed in the Journal of that society.

The author of that paper is a fellow who went to Lehigh back in the good old days, a 1916 E.M., Harold E. White by name.

Hal White is Ceramic Engineer of the Lava Crucible Co., 625 Wabash Bldg., Pittsburgh, Pa., and lives in Zelienople, Pa., at 308 Beaver Rd. Hal has one each of children, a boy of twelve and a girl of seven.

White-ana: Best story—

"Prof. Meschter: What is a quarto?"

Jim Keady: Two pintos."

Why Lehigh—"God knows." Biggest and most embarrassing moment—"You ought to know. Read the *Epitome*. It will give you a clue." Presidential timber—"No inferiority complex here." Outstanding character—"Leon Trotsky." White answers the miscellaneous questions with a question—"What's wrong with John Dewey?"

P. S. C. OF PA.

Scene: A meeting of the Board of Directors of a railroad that runs through Pennsylvania.

Chairman of the Board: "Gentlemen, we have important business to settle today. Not one man shall leave this room until all matters have been disposed of."

Just then a long-faced secretary enters the board room, scuttles over to the president and hands him a business calling card.

The president's jaw drops. He hauls out his handkerchief and mops his forehead. "Mr. Chairman, I—er—," he stutters, "I got to go. Important matter."

"You'll stay right here," bellows the C. of the B. "Nothing is more important than this meeting."

"But—," the president's larynx stops vibrating. He skims the business card across the table to the chairman.

The chairman picks up the card. His face blanches and his Adam's Apple bobbles as he reads on the card:

Guy R. Johnson

Engineer, Bureau of Accidents -
Public Service Commission
Harrisburg, Pa.

"For ——— sake," yells the chairman to the president. "Go see him quick. Don't keep him waiting."

Now it's not that Shorty is such a tough guy that causes those railroad boys in Pennsylvania to hop right to it. It's because Guy stands for no nonsense from them. They can't stall him off about grade crossing eliminations and accident investigations with a "Well, you see it was like this." And don't they know it.

Guy lives in Harrisburg, too—2347 N. 2nd St. He has one son now two and a half years old.

Question: Why is it that in these days of anti-prosperity and initials the Harrisburg University Club can still boast of several hundred members?

Answer: Shorty Johnson is its president.

Guy has added fame to 1916's glorious name, or something. He is the only alumnus who ever got his picture in two successive issues of the BULLETIN. See pages 10 of the November BULLETIN and 11 of the December number.

Class of 1917

Wilbur A. Beck, Correspondent
626 N. Center St., Bethlehem, Pa.

Too busy to write so you'll have to be content with:

ADDRESSES—and as ritzy as they come, if you awsk me. Al Quist (Quist & Co., municipal bonds), 65 Broadway, N.Y.C.; Res. Silvermine, Norwalk, Conn. R. L. Ridgway, Williamstown, Mass. "Doctor" Edward Lewis, 2820 Connecticut Ave., Washington, D. C.; Philip Drinker, 11 Lowell Road, Brookline, Mass.

Class of 1919

15-Year Reunion, June 8-9, 1934

J. W. Gardiner, Jr., Correspondent
Care of John T. Lewis & Bros. Co.
910 Widener Bldg., Philadelphia, Pa.

Buckie Macdonald is getting things well organized for our Fifteenth Reunion this June. The Committee for the reunion is as follows: Adams, Bray, Coffin, Hazeltine, Lauder, Ludlow, Manley, Nawrath, Rosenmiller, Spillman, Whigham, Winterhalter, McKinley, Gardiner, Macdonald, Hesselschwerdt and Kennedy. Although this Committee has been appointed to work out details and arrangements, they will welcome any suggestions as to a repetition or change of the features of our Tenth Reunion. By all means talk up the Reunion.

Milt Manley has been located as proprietor of M. A. Manley & Co., Investment Banking, 1044 Buhl Bldg., Detroit, Mich.

A. H. Randall can be reached % National Pipe Clean Co., 35 Water St., New York City.

H. F. McLaughlin has been located as Plant Supervisor, U. S. Industrial Chemical Company, Baltimore, Md.

R. T. Rohrer is living at 2007 R St., N. W., Washington, D. C.

C. M. Atkins cannot be reached at his old address of 617 W. University Parkway, Baltimore, Md. If anyone knows of his whereabouts, kindly inform A. E. Buchanan or the writer.

Class of 1920

E. L. Forstall, Correspondent
Rosemont, Pa.

"No News or Why the Dog Died" was the name of a phonograph record which used to amuse us mightily in the pre-Lehigh days. You all remember it? On the other side was our old friend "Cohen on the Telephone"—"I want a carpenter to fix up a shutoff vat the vind blew away—No not shut up! shutter," etc., etc. I can still "see" that voice coming out of the funny old horn—the image of the one in the picture of "His Master's Voice." All of which by way of introducing the sad fact that, as far as the first sixteen days of 1934 are concerned, you, the Class of 1920, might have all died. No that is not right either. If you had, I would have surely read of it in—well, the *Police Gazette* for one, *Time* and *Ballyhoo* for two others, with just a chance that some of you might have made the obituary column of the *New York Times*; but the *Saturday Review of Literature*, never! This is a magazine which records the doings (including the dyings) of writers, and, boys, that is something which you are not. When I took this job it was on the theory that when Wick out in the Philippines shook hands with the Governor-General, or Mieldazis somewhere in India shot a tiger, or "Swede" Johnson up in Quebec on a dark night mistook a skunk for a house cat, I would hear about it. Not from the principals themselves perhaps. They might be too modest under the circumstances, particularly Johnson, but surely some other 1920 man, hearing about it, would let me know. But no, I am a correspondent without a correspondence. So I wear out the typewriter with these space-filling blarbs which should be filled with important news about the class, such as the following:

From the Pottsville *Patriot* we clip this interesting item:

CONDENSES LENGTHY NOVEL

Julius H. Spalding of this city, well-known scenario writer, has just completed a condensation of Anthony Adverse titanic novel of 1100 pages and best seller of 1933. Mr. Spalding has reduced the work to 3 pages and it will be published in the forthcoming issue of the *Readers' Digest*. He asserts that in spite of the great reduction in words nothing essential has been omitted. In certain scenes in the interest of brevity it has been necessary to leave something to the imagination. Mr. Spalding does not consider this a detriment although in the original of these scenes nothing was left to the imagination. Mr. Spalding attributes his uncanny ability in condensation to his training in taking lecture notes at Lehigh University where he was a member of the Phi Beta Kappa fraternity and graduated in 1920.

R. J. Knerr, in spite of the well-known depression, is progressing. He was recently advanced from assistant combustion engineer at the Bethlehem Steel Co., to general maintenance foreman of No. 1 and No. 3 open hearths and Lehigh mills.

Next month I shall tell you about "Gus" Kuhlman and his development of "Mysto Mouthwash—It takes your breath away." Incidentally Mysto is made at a plant in Niagara Falls, situated in the gorge just below the Falls.

About the time you read this I will be all set for a brief trip to New Orleans, so if you do not (1) send me some news, and (2) Buck some dues, (1) I shall fill the column up with the trip and (2) Buck will not have any money to publish the column, or any part of the BULLETIN for that matter.

Class of 1921

A. T. Wilson, Correspondent
1118 W. Market St., Bethlehem, Pa.

Pete Newell wrote some time ago that he was thinking of branching out for himself, and it seems he has, for we have a new business address for him: The Newell Office Machine Co., 233 Spring St., N. Y. C. Residence, 1179 Loraine Ave., Plainfield, N. J. I don't believe I mentioned Ellie Kleckner's address last month. It is 1803 Sumac St., McKeesport, Pa.

Arthur W. Bryan announces himself as partner, Cochran-Bryan, The Annapolis Prep School, Annapolis, Md. Mail to residence: R. F. D. No. 2, Winchester Sta., Annapolis.

Jim McConnell has moved to 8750 Harper Ave., Chesterfield Sta., Chicago. We got this from the Post Office, not from Jim.

Here is one for the Class of '20. Mieldazis announces from California the birth of a son, Richard Jerome, on Oct. 4, 1933. The post mark was illegible so we don't know where he is, but Bob says this is the first he has heard from Jerry since his three years in India with the International Health Board.

And now the run of the mine dope:

Where is G. H. Clark?

Pete Ferringa (Lieut. of Engrs. to you) is now in Jacksonville, Fla. P. O. Box 45.

Swede Larson is still at 83 Main St., Limestone, N. Y.

Bill Leech has moved again! Now at Arrot Arms, Arrot and Lieper St., Philadelphia, Pa. Business: Wholesale Sales Dept., Philadelphia Coke Co., 4501 Richmond St., Philadelphia, Pa.

I hope before you read this you will have received from me what I hope will be a heart-rending, soul-touching, breath-taking and, lastly, a pocket-book-reaching appeal for a contribution to bolster the morale of 1921, to increase the length of our line in the "vital statistics" page of the BULLETIN, to improve my prestige as a "reporter who gets results," to make Lehigh stronger and thus more capable of holding your oldest son when he gets there, to—but why go on? I predict a large increase in numbers of contributors if not in amounts of contributions next year, after we see the effects of a winning football team, so why not get in this year ahead of the run-of-the-mine alumnus who has to wait for a football victory to realize that he is basically loyal to the Brown and White? Hurrah! (Hand me that flag so I can wave it.)

Class of 1923

A. C. Cusick, Correspondent
313 Cherokee St., Bethlehem, Pa.

(Ed. Note.) Art Cusick is too modest to write about his good fortune. As you know, Art has been working at the Bethlehem Steel Co. since his graduation in 1923. He was recently promoted to superintendent of the Lehigh Mills, succeeding Sam Gladding, who was also

advanced. (See '11 notes.) Before his promotion, Art was general maintenance foreman of No. 1 and No. 3 open hearths and Lehigh Mills.

Class of 1924

10-Year Reunion, June 8-9, 1934

Dan P. Hoagland, Correspondent
3307 83rd St., Jackson Heights, N. Y.

MORE NEWS OF THE TENTH
COMING NEXT JUNE!!!

Dick Buck, chairman of the general committee for this big event, has secured the following men to head up auxiliary committees for our round-up:

BANQUET—W. W. York, 228 N. Main St., Allentown, Pa.

PARADE AND COSTUMES—F. C. Stille, 88 Pine St., Maplewood, N. J.

PHILADELPHIA AND SOUTH—R. D. Wariner, 1804 Girard Trust Co. Bldg., Phila.

NEW YORK AND NEW JERSEY—J. M. Degnan, Gen'l. Sales Dept., Worthington Pump & Machinery Corp., Harrison, N. J.

PENNSYLVANIA (West of Allentown)—R. H. Allan, 548 Washington Ave., Jermyon, Pa.

NEW ENGLAND—F. A. Hunter, 7 Palmyra St., Springfield, Mass.

WEST OF PENNSYLVANIA—J. J. Jamieson, 13609 Third Ave., Cleveland, Ohio.

READING, PA.—Harry Litke, Colonial Trust Building, Reading.

Did you get Freddy Rogers' letter on this subject? If not, it may be because the Alumni Office hasn't heard from you in so long, they haven't your correct address on file. How about helping them out and your class committee in the same stroke? In any event get in touch with one of the above men to tell him you will be on hand next June. Warren York has been busy on his job and gives us the following dope:

1924 Reunion Headquarters—Bethlehem Club.

1924 Banquet—Saturday night—Bethlehem Club.

1924 Rooms for the week-end—Bethlehem Club (14 of them at a very reasonable price).

Your correspondent received an interesting long letter from Bill Wooldridge from California. Bill is still in the tubular steel business with the Columbia Steel Co., at their San Francisco office. In spite of his distance from "Beslam", he is hoping to be with us in June. His Lehigh companions out there have been R. H. Tucker, '79; W. G. Lowe, '09, and Will Duncan, '08. For native California consumption, Bill writes:

Anybody who says California doesn't get cold is cock-eyed. My gas bills are larger than when I was in Rochester, N. Y. That is probably due in part to the fact that the architects work only in the summer and just kid themselves. There is a great field out here for architects who can design a good brick house with a cellar instead of a draft.

Thanks for the letter, Bill, and here's hoping the class of 1924 gets the help you're banking on.

The Alumni office gives us the following dope:

Tom Conley is with the Consolidated Expanded Metals Co. in Philadelphia, Pa.

J. J. Jamieson is in the sales department of Steel and Tubes, Inc., a division of Republic Steel at Cleveland, Ohio.

Mike Moore is an insurance agent with Benj. L. Alger & Co., Inc., of Youngstown, Ohio.

Ted Rakestraw has jumped from Seminole, Okla., to 1623 Jefferson St., Great Bend, Kansas.

Ed. Richardson is with the Phoenix Bridge Co., of Phoenixville, Pa., and is living in Wayne, Pa.

Wally Schleicher is sales-engineering with Thomas A. Edison, Inc., West Orange, N. J., and residing in nearby Chatham.

Tommy Thomas has shifted from Branford, Conn., to 1610 16th St., N. W., Washington, D. C. What's this—another Republican gone wrong?

Class of 1926

John Maxwell, Correspondent
Lehigh University

Introducing THE HOT RIVET.

Read what Fred Stephens, the originator of the idea, has to say about it:

"I picked up an old number of the LEHIGH BULLETIN the other evening and noted the dearth of material that each class correspondent had to draw on and it occurred to me that we might be of some assistance to Johnny Maxwell if we could incorporate some scheme of news gathering that would be novel as well as instructive, enlightening and have a real personal touch. It occurred to me that we might circulate and distribute a circular letter similar to the old 'unbroken chain' letters which were so popular in the past. Instead of merely signing the letter and passing it on to some classmate you would know, you could add a little personal touch to the letter about yourself or some classmate friend and forward the letter to the address of another classmate of whose address you would be reasonably sure. The letter could be dubbed the *Hot Rivet*, the idea being to add your information and pass it along as quickly as possible, keeping all of the previous news, scandal or what have you intact.

"Whoever would be fortunate or unfortunate enough to receive the letter on or after the 15th of the month would be required to forward all of the accumulated news to Johnny Maxwell at Bethlehem and it would also be the forwarder's duty to start the new *Hot Rivet* rolling for the next month's news.

"Rules for handling the *Hot Rivet*:

"The *Hot Rivet* is a news gathering medium for the Class of 1926, which news, with the usual proper or improper censoring, will be published the following month in the ALUMNI BULLETIN under class personals. In event that too much news is gathered (ahem) and the whole BULLETIN would have to be utilized to print the news, Johnny Maxwell will be later authorized to make up a special sheet under the heading, *Hot Rivet*, and distribute the news forthwith. The rules are simple and the expense nil.

"1. Read the news contained in the letter, adding your personal comments to the news gathered and sign your name. Deduct nothing that has been brief.

"2. Write your own personal brief as soon as you have read the news. Use the sheets furnished. Sign your name, address, family information or other items that you know will be of interest.

"3. As the name implies, the news must be HOT, so get the letter back in the mail the same day you receive it.

"4. Address the letter to a classmate who has not already read or added to the news, being reasonably sure of his address. Place your return address on

the face of the envelope and in event of return to you, forward to another classmate's address. Johnny Maxwell will be glad to furnish any addresses requested."

By the time you read this, the *Hot Rivet* should be on its way and in the hands of some member of our crowd. If it's going to amount to anything, each fellow will have to keep it moving when it lands in his lap. You like to read about your friends in our class and there are a lot of birds just as much interested in what and who you are doing. Anything you read about your particular friends at Lehigh is of interest, and they feel the same way about you. So there must be something to write about yourself.

Let's pull this column out of the rut and make it the envy of the lesser classes, particularly those lowbrows who immediately preceded and followed us.

If you think this is all a lot of bunk, don't hesitate to say so. This column enjoys absolute freedom of the press.

* * *

Here's what greeted our eyes the other day on the society page of the *Philadelphia Inquirer*, under the box caption, PEOPLE YOU KNOW:

"The marriage of Miss Virginia Louise Means, daughter of Mr. and Mrs. Albert Bleckley Means, of Wynnewood, to Mr. Samuel Louis Huyette, son of Mr. and Mrs. Paul Bertam Huyette, of Germantown, will take place on Wednesday, June 6. A reception at the home of the bride's parents will follow the ceremony. Miss Means will be the guest of honor at a shower which Mrs. Robert Baseler, of Bala, will give on Friday afternoon, February 16."

As Louie says, they finally got him.

'26 was the only crowd that had its own table at the 41st annual dinner of the Philadelphia Club. Those at the table were Louie, the hero of the foregoing story; George Bachman, a '27 reprobate; Bill Laramy, and your representative in the Alumni Office. There were two older alumni who appreciated good company and came to our table, and one younger fellow, who was in tow of George and Louie and therefore might easily have been an A. X. P. Red Ayres. Bob Linck and Joe Hunter belonged with us but couldn't be pried loose from a room downstairs in time to make our table.

AIR PROGRESS IS ROTARY TOPIC

DR. FRANK G. KEAR TELLS OF LATEST DEVELOPMENTS—Radio Is Big Aid

PROFESSOR SEYFERT, CHAIRMAN

"While the millennium is not yet here, either for the airlines or the private pilot, flying is becoming safer every day and science continues to forge ahead in its efforts to make the world safe for flying," declared Dr. Frank G. Kear, associated with the Washington Institute of Technology, Washington, D. C., in an illustrated address on "Radio Eyes for the Airplane," at today's meeting of the Rotary Club in the Hotel Bethlehem.

Dr. Kear was presented by Dr. Stanley S. Seyfert, professor and director of the curriculum in electrical engineering at Lehigh University, as chairman of the meeting.

Said "Dr." is, of course, none other than the big, tall E.E. who we know by the name of Frank. He has made quite a name for himself in the world of science and went over in fine style with the local Rotary Club.

Class of 1927

M. W. VanBilliard, Correspondent
313 North Eighth St., Allentown, Pa.

Ye editor couldn't very well skip this month's notes with so many congratulations to be handed out on behalf of the class. As you probably read in the "head notes," President "Flivver" Ford was united in marriage to Miss Ruth E. Pringle, of Tulsa, Okla., in Christ King Church, Tulsa, Okla., on Dec. 28th. Following their honeymoon, they were warmly welcomed back to Bethlehem, where "Fliv." is employed as a foreman at the Steel Company. They are now housekeeping at 406 Washington Ave., Bethlehem.

"Al" Trumbull has announced his marriage to Miss Isabelle Lindell, of Canaan, Conn., on November 11th. After a honeymoon through Virginia and the Carolinas they returned to Albany, N. Y., where they are ensconced in a comfy apartment at 122 S. Allen St. Al writes that for the past three years he has been connected with a Chevrolet firm in Albany. We are wondering whether "Al" and Mrs. "Al" knew Paul Sinwell, who for some time has been superintendent of the U. S. Gypsum quarries at Canaan. Paul, as you may recall, also recently took unto himself a wife.

A pleasant surprise on January 20th was the announcement of the engagement of Thos. A. "Tack" Kirkwood to Miss Sarah M. Sipple, daughter of Dr. and Mrs. Simon Sipple, of Allentown, Pa. "Tack" is assistant manager of an S. S. Kresge Co. store in Philadelphia and had been connected in a similar capacity in Allentown until the disastrous fire of December 25th destroyed that property.

The rest of the news appears to be of the back-fence, hodge-podge variety, but here goes as it occurs to our mind. Despite definite word from the culprit, himself, it appears to be a well-founded rumor that Charlie McCombs can be listed among the benedictines. It is up to Charlie to affirm or deny it. Darn few of that old Sec. D. Taylor Hall bunch left on the single side of the ledger. Bill Coombe and his recent bride are residing at 1605 Easton Ave., Bethlehem, and, strange to relate, Bill has not yet assumed that worried look. The esteem with which Jimmy Reed is held by the Princeton student-body was recently attested to, when he was reinstated as an assistant coach after the board of trustees had decided to curtail expenses by pairing down the coaching staff. In the case of Jimmy, student sentiment forced a change of mind on the part of the board. We absolutely refuse any longer to follow the wanderings of Bob Longstreet. Reports in rapid succession have placed him in New York, Asbury Park, Maryland and all intermediate points. The only thing of which we are sure is that he is still in the radio announcing game and is very much married.

Carl Norbeck, the strong, silent Norseman, is employed by Lackawanna Steel at Lackawanna, N. Y. Another classmate in the "tour and cruises" business is Ed. Albright, who is con-

BUT IT'S FAIR AND WARM BY TELEPHONE!



Outside, hurrying feet plod on against the winds and swirling snow of winter. On such a day, it is good to be indoors where all is snug and warm.

• • •

ALL outdoors may be frowning, the thermometer close to zero, street travel an exhausting task. Yet to your telephone it is as clear and fair as a day in June.

Without moving from your chair at home or in your office, you can send your voice across the snow-swept miles. Wind and weather need not delay the necessary tasks of business or break the ties between friends and relatives. Through all the days of the year, the telephone is your contact with the world beyond your door. It knows no season—no letting up when the going gets hard. Through storm and flood,

an army of trained employees works ceaselessly along the highways of speech.

This very day, as you talk so easily from the warmth and comfort of your home, a lineman may be scaling a pole far out on a frozen mountainside—so that the service may go on. So that you may talk to almost anyone, anywhere, at any time.

Make someone happy these winter days through a voice visit by telephone. A boy or girl at school, a mother or father in another city, or a good friend away on a visit. To most places 175 miles away, for example, the rate for a station-to-station call is 95c in the daytime, 85c after 7 P. M., and 55c after 8:30 P. M.

ducting his business at 521 Fifth Ave., New York City. We were under the impression that E. H. Smith was working for Ford Motors, but he informs us that it was a slight typographical error. He is connected with the American Can Co., 104 S. Michigan Ave., Chicago, Ill. Dave Cunningham is at Niagara Falls. No, not a honeymoon; that is his address. For some time he has been an engineer for Booth and Flinn Co., Inc., at Tonawanda, N. Y., but is residing at 7918 Buffalo Ave., Niagara Falls, N. Y. Washington, D. C., claims Rudy Bush, who is a draftsman and designer for the U. S. Coast and Geodetic Survey. We had heard of designing lines for dresses and garments, but whoever heard of designing coast lines? Your mistake; this isn't a conundrum. George Kennedy is a cartographic engineer in the U. S. Hydrographic office of the Navy Dept. of the American Geographical Society, 156th and Broadway, New York.

May we extend birthday greetings to Stoddard on Feb. 7; Lee on Feb. 12; Schaffer, Feb. 16; Van Billiard, Feb. 17; Coombe, Feb. 19; Bester, Feb. 20, and Strohl, Feb. 21?

A recent letter to the alumni office disclosed that E. M. Oswald is still in the paint business, being secretary of Johnson & Oswald Co., 380 Pearl St., New York City. Norm Smeltzer is now connected with the G. E. Contracts Corp., in New York City.

Gordon Ridsdale, who we reported to be back in Philadelphia, is now associated with the firm of Peterson-Ridsdale Chemical Co., Inc., 18 West Cheltenham Ave., Philadelphia, Pa. Bob Pursel is still employed by the Republic Steel Corp., at Russellton, Pa., but lives at 100 West Market St., Danville, Pa.

F. R. Crawford is now associated with the steam and hydraulic department of the National Tube Co., Pittsburgh, Pa. Herb Phylfe, we learn, is an engineer in the freight container bureau of the American Railway Assn., of New York City. His address is 1001 Anderson Ave., New York City.

Irv Broads is in close contact with financial affairs, being manager of Byck & Lowenfels, members of the New York Stock Exchange. Irv reports that he is living in Yonkers at 249 Valentine Lane. A chap, who has practically dropped out of sight since his undergraduate days, is Don Dietrich. Don, we discovered, is on the inspection department of the American Can Co., 1936 South East St., Indianapolis, Ind.

Class of 1928

Carl O. Carlson, Correspondent
c/o The Fifth Avenue Bank of New York
530 Fifth Avenue, New York City

There is no material available when 225 members fail to say hello either by telephone or mail. Get that message to me so that I may have news for the next issue. Regards.

Class of 1929

5-Year Reunion, June 8-9, 1934

J. M. Blackmar, Correspondent
31 N. 22nd St., East Orange, N. J.

Alumni Day has been set as JUNE NINTH. That's the day we're all counting on seeing one another—for the first time in five years in many instances. Our pleasure depends entirely upon who

all returns to the Campus and your Committee feels that there will be a goodly number on hand. Members of the Class Executive Council, elected in the spring of 1929 as you may recall, have already initiated plans for Twenty-Nine's Fifth Reunion: those of us who live in the Metropolitan Area enjoyed a dinner at Dewey Trantum's home in December and afterward discussed the matter far into the night. President Red Crewe, being situated in distant Sparrows Point, was unable to preside over the Council but dispatched a Special Delivery letter with his ideas and an urge that we who can convene conveniently work out the details.

Besides using the BULLETIN for apprising Twenty-Niners of the Reunion plans we intend to correspond with every man on our Class Roll and also to contact every one personally with the aid of about sixty classmates selected because of their geographical location and willingness to cooperate in the Big Round-up.

Your Correspondent wrote so much last month that part of the copy was necessarily cut, that part following the letter our "Northeastern Penna. Correspondent" regarding the class medicos and that omitted part is therefore published at this time.

On October 27 Dr. Vincent J. Cassone, our erstwhile president of the Pre-Medical Society, took the trouble to write, and in addition to telling me about Erwin, Payer and Schwab, included this paragraph which will be of general interest: "Am happy to state that I played host to the Pre-Meds of Lehigh on Oct. 17 at a Surgical Clinic in the Allentown Hospital." Vance is working in his home town.

Through the medium of a letter from Eli Whitney, '30 Correspondent, I learned this, that Joe Popeano is in the lumber business in Atlantic City. My records indicate his residence address as 120 W. Wyoming Ave., Absecon, N. J.

Who's Who at Lehigh now? New names, strange faces appear on the campus each year, but like the Poes of Princeton, Lehigh has her loyal sons whose descendants matriculate as fast as they meet the rigid entrance requirements. We'll all be pleased to glance over these names (and recall faces) which the Alumni Office compiled and forwarded to me. Marvin Borowsky's brother, Francis J., is a freshman. That well-known alumnus, Geo. R. Enscoe, '96, who sent Stu and Bob to school during our time, now is represented by another son, Roger, '35. Our "Whitey" has two brothers in school, R. D. Holt, '34, and R. S. Holt, '35, presumably Phi Gams. Good old Jake Jacobi's brother, Walter, now is a senior while another, Carl, is a frosh. Edgar B. Mancke, '36, is a brother of Dick. Luke Nolfi is represented by E. L. Nolfi, '34. John G. Reid, Jr., of Phi Delta Pi and Pottsville, Pa., can point to George C. Reid to carry on until 1937. Art Roberts' younger brother, Paul, is a '36 man as is Harry, the undergraduate representative of the famous Snavelly family. One classmate has succeeded in selling Lehigh to his wife's brother; he is George Hartung, whose brother-in-law is Walter G. Frome, '37. Steve Becker's cousin, A. M. Schuyler, is in the Class of '37. Others who have cousins in college include George Neumann (David G. Samuels, '36) and Geo. S. Opp (Henry S. Greiner, '36). We other fellows might take a tip and send

someone to Lehigh and thereby "stay in college."

The mailman yesterday delivered this letter from another long-unheard-from member, Clem Stanton. Clem's a traveling man now for the Kirsch Co. of Sturgis, Mich., and in his peregrinations has met some of our scattered schoolmates. A reprint of his letter to us follows:

Dear John:

Letter writing is certainly not my metier, but realizing the tough job you have in attempting to collect information concerning far-flung classmates I feel duty-bound to tell you what I know about them.

After leaving the Standard Oil Co. at Elizabeth early in 1931 to take a job on the road, I was first assigned to Virginia and W. Virginia where in the course of my travels I met Max Henry in a hotel cafeteria in Parkersburg. Max was working for a wire manufacturer and at that time was living at the Y. M. C. A.

In Charleston I called up Tom Chandler and spent a very pleasant evening with him and his mother at their home. His address at that time was 849 Maple Road, Charleston.

In Johnstown, Pa., I saw Bill Urban and spent a week-end with him. He was with Bethlehem Steel and was located at 366 Somerset St.

In Washington, I saw Reg Smith who was studying patent law at G. W. University and from a mutual friend I recently learned he will finish up this summer and will be a patent attorney specializing in chemical patents. I have misplaced his address and cannot supply you with this information.

I was in this Va. territory but a short time and was unable to renew these contacts a second time, having been shifted to New England with headquarters in Boston. There seems to be a scarcity of '29 men up here or "down east" as they say, as the only ones I have seen were Walt Salzenberg, who I met at the Lehigh-Brown game in Providence two years ago. With Walt was his attractive bride. As I spoke to him only a few minutes during half-time, I am unable to tell you of his work or his address.

Saw Porky Flynn also. He was employed by the City of Boston doing surveying work on the Commonwealth Ave. subway extension and later he was selected for work on the East Boston vehicular tunnel under the harbor. Porky was an A.B. but he seems to have become a C.E.

Since the first of this year I have been transferred to Hartford and my address is 774 Asylum Ave. I am still on the road selling drapery hardware for the Kirsch Co. (you must know about Kirsch rods) and so far I have not been listed among the unemployed, and here's hoping my luck holds.

I would be glad to hear from anyone in the Hartford area.

Sincerely,
CLEM STANTON.

Class of 1930

F. J. Whitney, Jr., Correspondent
4111 Spring Garden St., Philadelphia, Pa.

The lack of news for January caused your correspondent some concern, because it seems as though the interest in your column is falling off. Let me have more letters.

A letter from that big oil man, Joe Girdler, reads as follows:

Due to three changes of address in three months, I am cut off from all magazine subscriptions and assorted literature which is a blessing in some cases. But not in the case of the ALUMNI BULLETIN. Lehigh still remains a "pretty good brand of Portland cement" to 99% of the local settlers. The BULLETIN remains practically the only link with, shall I say, the outside world.

You can easily see why I read the BULLETIN from cover to cover for Lehigh news. So far this year I have not received a single copy, although I tried once before to contact the Alumni office.

I am in the seismograph business up to my neck now. The Phillips Company has two parties operating now and I have done about everything but build the instruments. Right now I'm a computer—sounds important but is not.

I see where Lehigh has a new football coach. Congratulate someone for me.

This is the first we have heard from Joe in over a year. Write oftener, Joe, we want to hear what goes on in the other part of the country.

Vaughan Haag is living at 1661 Harrison St., Philadelphia.

Preston Justice can be reached by addressing mail to Boulder City, Nevada.

Ben Steinert is now located at 26 Newton Ave., Woodbury, N. J. Ben is working as a lineman for Bell of N. J., in Camden.

Do some of you Lambda Chi's know the whereabouts of George Pearre, last heard from when he lived at 449 Central Ave., St. Petersburg, Fla.?

Bennett Sprintz is a salesman for the General Hide and Skin Corp., in New York City. He is living at 160 W. 77th St., New York City.

J. V. Collins is working for the General Cable Corp. at White Plains, N. Y., and he is living at Apt. 30, 1 Greenridge Ave., White Plains, N. Y.

Another engineer gone wrong. Bill Vroom is an Architectural Clerk for the Metropolitan Life Ins. Co. He is living at 51 Ethelbert Place, Ridgewood, N. J.

Zig Letowt was married last year and is now living at 339 E. 58th St., New York City. Best regards, Zig, to you and your wife.

Lost: A. H. Zeigler—Information wanted.

D. O. Burger is a Junior Engineer with the U. S. Government, Bureau of Reclamation, Custom House, Denver, Col.

Dave Walbert is back with Westinghouse in E. Pittsburgh. His mailing address is 431 Rebecca Ave., Wilkesburg, Pa. But "Butch's" letter can tell us more than my writing.

Well, another of the unemployed of '30 is back on the job again. I started for Westinghouse on Jan. 2, 1934. That makes the second time I started to work for them. I hope the second lay-off or furlough as they call them will not enter their minds.

I suppose you haven't heard a thing about me and I know you haven't heard a thing from me in the last two years. Except, probably, that I was registered in Mr. Brodhead's file of unemployed engineers.

Even though the place is Pittsburgh, it's swell to be back on the job again. Right now my duties are concerned chiefly with air-conditioning apparatus, so advertise Westinghouse air-conditioners freely so that there will be work for me to do.

I'll probably see you at the next Lehigh-Lafayette game, I hope. Lehigh must win 4 games, however, and show somethin' or I'll be among the missing.

Until then, be careful.

Yours,
DAVE (BUTCH) WALBERT.

W. D. MacGeorge is now Asst. Power Plant Engr. for the Container Corp. of America. He is living at 908 Park Ave., Collingswood, N. J.

David Griffith is an Experimental Engr. for the International Motor Co., at Allentown.

Bill Cuntz is Office Manager for the Sterling Brewing Co., Inc., of E. Mauch Chunk, Pa.

J. J. Geisel is with G. C. Murphy Co., at Kittanning, Pa. His address is 414 N. Jefferson St., Kittanning, Pa.

M. H. Smith is now with H. C. Smith and Son, at 510 Atlas Bldg., Columbus, Ohio.

Ed. Lawrence is working for the Salem Glass Works at Salem, N. J. His mail address is 40 Seventh St., Salem, N. J.

C. C. Morgan is Branch Manager for H. H. Pike Co., Inc., 99 Wall St., New York City, at Norfolk, Va.

Don Wright is Mechanical Engineer for the Standard Oil of N. J. His residence is 435 Westminster Ave., Elizabeth, N. J.

G. C. S. Barnes is Sales Asst. for Westinghouse Electric Co. and is living at 113 Warwick Rd., Haddonfield, N. J.

The new year started off in a fine way. Letters from men, who have been out of work, telling of their reemployment, and more money for our lamp standard fund.

Ken Deichler sent in his fifty cents along with some news. Talk for yourself, Ken.

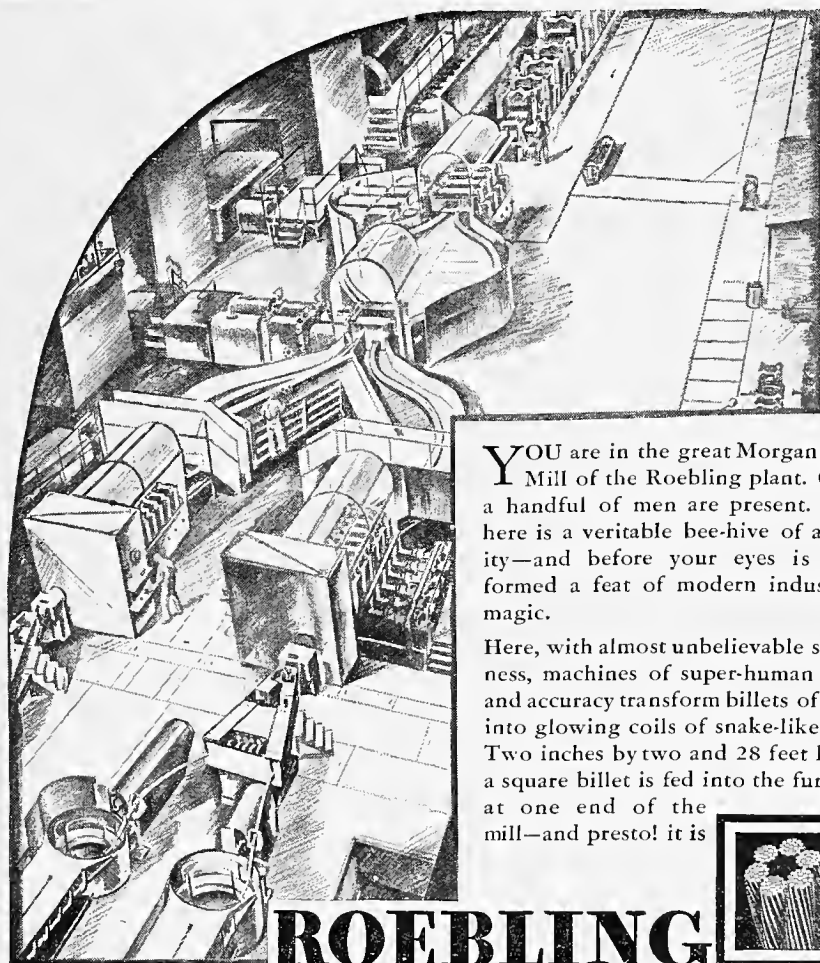
Believe it or not I shall enclose my four bits towards the lamp post. The sad part about it is that I really could have spared that much for a long time, but I'm just one of the other hundred and some that is one hundred percent at putting things off. It's a darn good thing we didn't handle the banquet fights in our Freshman and Sophomore years in that manner.

I've been employed for the past year and a half—three months after the A. T. & T. could find nothing more for those of us in Philadelphia to do—with the Atlantic Refining Company. The first year I was an asst. stillman—or more commonly a fireman—and since then a second operator on the cracking stills.

May I return your wish for a year of happiness and at least a fair amount of prosperity. That goes for the others of the class of 1930 even if it is like the fifty cents—a bit behind hand. It's just around the corner, Eli—either this corner or the next.

Sincerely,
KEN DEICHLER.

Ken certainly hits the nail right on the head when he says he has been procrastinating. Now that many of our



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Weston Dodson & Company, Inc., was founded 75 years ago. Its General Offices have always been located in Bethlehem. Dodson coal goes into practically every town in the anthracite using territory. You always can find a coal dealer who handles Dodson anthracite.

men are getting jobs, let us see that fund grow. Run them in, men of '30.

Class of 1931

A. W. Thornton, Jr., *Correspondent*
64½ Petty St., McKeesport, Pa.

John Brewer is the sole contributor to our column for this month. John is working for the W. J. Gilmore Drug Co., of Pittsburgh, a wholesale drug and sundries company operating in the Tri-State Territory and western Maryland. His home address is 5549 Bryant St., Pittsburgh.

The following news is from the Alumni Office:

Bob Carr is working for Page Steel and Wire Co., Monessen, Pa. His address is 1041 Dennis Ave., Monessen.

Cyphers is with Archer-Daniels-Midland Co., of Minneapolis. Address: 706 Sheridan Rd., Chicago.

Johnny McClain is doing Sales Promotion work for Hershey Chocolate Co., of Hershey, Pa. His address is 50 E. New St., Lancaster, Pa.

Hartman is a Test Engineer for the Ingersoll-Rand Co.

Harry Kelly has changed from our Dept. of Physics to that of M.I.T.

Carl Nemetz is teaching and coaching at Greenwich High School, Greenwich, Conn. Nemetz worked the leading high school and prep school games in that section for the past football season. He handled 16 games. Is a member of two boards, the Connecticut Board and the Westchester Board.

A. J. B. Allison is living at 18 Clydehurst Drive, Webster Grove, Mo.

Albert C. Baur is working for Gertler, Devlet & Co. (Brokers), 120 Wall St., New York City. His address is 28 East 31st St., New York City.

L. F. Keefe is a teacher and coach, Mount Saint Joseph's Academy, Convent Ave., Rutland, Vt. His address is 143 Strongs Ave., Rutland.

Class of 1932

Carl F. Schier, Jr., *Correspondent*
Lawn Acres, Ellicott City, Maryland

How many of us realize, I wonder, that we have a full course dinner of news served to us, right in our homes each month, by Head Chef Andy Buchanan and his busy staff of assistants? Our BULLETIN dinner begins with a *Between the Lines* cocktail as an *appetizer*, followed by an *entree* of *Sport Schedules*. The *main course* consists of a meaty *piece de resistance*, the editorial page, accompanied by current campus and alumni items, sport reviews and predictions. Now I'll Tell One, the salad, of *Sauerkraut and Kinks*, Picked up in the *Placement Office* follows the main course and the dinner is concluded by the serving of that popular desert, *About Lehigh Men*. And then we make ourselves comfortable in an easy chair with a good cigar and a *de mi-tasse* of memories of the happy years we spent on South Mountain.

Now one would hardly expect to get ten full course dinners a year without paying for them—dinners that are satisfying, stimulating and of a quality to fulfill the desires of the most fastidious epicure. The rock-bottom price for the series is \$3.00 or 30¢ per meal—damned cheap, I'd say! You can't do better except in a bread line and even then the sidewalk diners treat themselves to a

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real 75¢ steak dinner with a side of French fries, once or twice a month.

In the event that any of us pushed aside Chef Buchanan's editorial offering, How the BULLETIN Guarantee Plan Works, in the last issue, let's try salting it down with a few facts concerning 1932. With added seasoning, although it may be more difficult to swallow, I truly believe we will digest it better. Have a "bite":

Under the terms of the BULLETIN Guarantee Plan each class takes out a group subscription to the BULLETIN, covering every man on the class roll, and guarantees the payment of this group subscription. In consideration of this guarantee the BULLETIN gives the class a 33 1/3% discount off the individual subscription price. The class of 1932 has 262 men on its official roll—some of these may be classed as "dead-wood" but with a class as young as ours it will take several years to determine who they are and then they will be removed from the roll. Later, if they show interest in the Class by answering letters, attending Reunions, etc., their names will again be added to the roll. Each of these 262 men on the class list is billed \$3.00 for his BULLETIN and \$2.00 for class dues, which latter is immediately deposited in the Class treasury. Therefore the class is billed for 262 mailed copies and the group subscription cost is 262 times \$3.00 less 33 1/3% or \$524.00. Now, as individual payments at \$3.00 per man come in from members of the Class, they are applied against this bill of \$524.00. When 175 men have paid their BULLETIN subscription of \$3.00 a total of \$525.00 has been credited against the group subscription price, our bill is paid and the Class of 1932 gets \$1.00 "change". Every additional \$3.00 received goes directly into the class treasury as so much "velvet." However, if at the end of the year, less than 175 members have paid up, there will remain a deficit owed by the Class to the BULLETIN. This deficit must be paid out of the Class treasury—in other words, the funds accumulated by the individual payments of \$2.00 Class dues are drawn upon to make up the deficit in the Class BULLETIN Guarantee. Thus, if we finish the year with 175 men or more paid up, we make a profit for the Class treasury; if we finish with less than 175 men paid up, we are penalized by an assessment against our Class funds.

The latest available dope on our position in the race to meet our BULLETIN Guarantee is that 42 of the 175 necessary contributors have made some contribution to the Fund. Approximately 80% of the Class of 1932 has obtained full or part-time employment and though all of these men may not be in a position to submit payment in full, any contribution at all will help along the cause. Let each of us do our part and then watch the BULLETIN chart for the results.

Now for more interesting news:

Ted Kellner is an operator for the Philadelphia Refinery of the Atlantic Refining Company, and you can reach him at 23 East Langhorne Ave., Llanerch, Pa. Al Neurdoerffer is a Metallurgical Engineer for the E. G. Budd Mfg. Co. in Philadelphia. Send mail to 117 Montgomery Ave., Hatboro, Pa. Johnny Williamson, expert on sport statistics, has been promoted to Asst. Manager of a Socony Service Station in

New Rochelle, N. Y. Johnny lives at 123 Clove Rd., New Rochelle.

Please note the following changes of address:

Jerry Ullman is now located at 501 N. 25th St., Pennside, Reading, Pa., and George Mitchell is living in Salisbury, Connecticut, and mail will reach him addressed in that manner. Dick Petze receives his mail at 8 Sturges St., Binghamton, N. Y., and W. E. Glasby is now a member of the Class of '34, Franklin and Marshall College, and his address is 76 Ardmore Ave., Lansdowne, Pa.

The last news we had of Walt Lawrence was from South Africa where he was working as an oiler on a ship. Just a few weeks ago Walt left his ship for good, right here in good old Baltimore,

with a world of experience and a Third Engineer's license. Walt made two trips to the East Coast of Africa and two trips to Central and South America on a Standard Oil Co. tanker. After spending several days sight seeing in Washington and a couple of days with me at Lawn Acres, Walt left for his home in Brooklyn to try to find one of those elusive jobs.

Class of 1933

1-Year Reunion, June 8-9, 1934

Burt H. Riviere, Correspondent
902 Chamber of Commerce Bldg.
Pittsburgh, Pa.

The most recent issue of the BULLETIN brought forth much good news. We see first of all that Daniel "Jack" Lay-

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J. HOWARD REBER, '93

Attorney-at-Law

123 S. Broad St., Philadelphia, Pa.

ton and Homer Lackey have passed the first hurdle towards winning the Baby Cup of the Class of '33. Congratulations!

We next read about the class payments towards the Alumni Fund. The dues seem to be coming in to Andy's office quite well; but they might be sent in faster. Every one! boost that percentage by mailing in the check today.

An interesting award took place out here in Pittsburgh shortly before Christmas. At a recent Pi Delta Epsilon convention Ed. Fleischer won first prize for the best editorial of the year.

"Chuck" Moffett has quite a title—Chief of the Order Department, By-Products Steel Corporation in Coatesville, Pennsylvania.

The only information we can get about Hugh McConahey is that he is working for the American Brass Company. What's it all about, Mac? Where are you and what sort of work are you doing?

While at the Lafayette game last Fall your correspondent tried to pick up as much news as possible. In one case, however, it turned out to be disastrous. When "Pete" Peck saw a recent item stating that he was in the lumber business, the result was a very enthusiastic letter. Here's some news from down West Virginia way:

Saw the note in the BULLETIN to the effect that I am working in the lumber business. Something wrong somewhere. Here's the dope. I have been working for the Charleston Electrical Supply Company since the first of October. We wholesale electrical supplies and machinery for mines, industrial plants, and electrical contractors, with quite a bit of manufacturing on the side. I have been working in the shipping department learning the business and lately have started going around to different mines helping our engineers install machinery. It is interesting and good fun.

I see Abe Rawn once in a while and also Bob Nisbet. Abe is an assistant engineer for Kelley's Creek Coal Company in a little place up the river called Ward. Bob as you know is working on one of the government locks on the river here.

In a round about way news comes that Bob Weldon is wrapped up in the tanning business in Newark; in fact, Bob is doing so well that since June he has had several promotions.

Here is some information from another employed classmate. Ken Borden writes from down Camden, New Jersey, way:

I have been, for some little time, working at the Campbell Soup Company. I am at present in the Student Training Course, a schedule which gives me familiarity in every branch of production.

Bill Mills, who, though a father, is not eligible for the Baby Cup, has moved from Reading to New York. There he will enter his father's business, for the present, as sales agent for Lowe Brothers' paints at 30 Church Street.

Here is the set-up about "Les" Day: Chemist and Metallurgist with The Carrier Research Company in Newark, N. J. Residence and Mail: Hotel Elizabeth-Carteret, Elizabeth, N. J.

"Mac" Bell has joined many other fellows at Harvard. When not in classes the studying is done at D-H Mellon Hall, Soldiers Field, Boston, Mass.

A politician in the crowd—yes, Bill Merriam is with the Farm Credit Administration in Washington, D. C. We can address all complaints to 1616 19th Street.

DON'T FORGET THE DUES. MAIL THE CHECK TO ANDY AND BE SURE OF YOUR "BULLETIN."

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8. Library of over 200,000 volumes.

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10. Students' Health Service: annual physical examination for every student; dispensary service 8 hours a day; sanitary inspection of dormitories; lectures on personal and social hygiene.

11. Military training under officers of the United States Army: first two years required; last two years optional; full course leading to commission in Officers'



Reserve Corps of the United States.

12. A vigorous students' social and religious organization (the Lehigh Union).

13. Comfortable and sanitary dormitories for 171 men. Thirty fraternities living in owned or rented houses provide for about 600 men. Other students room in private houses near the campus.

14. Tuition \$400 a year; living expenses moderate; total cost about \$1000 a year.

15. One hundred and twenty annual scholarships, and also loan funds.

16. A notably successful "product." Nearly half the anthracite coal of the United States is mined, and two-thirds the iron and steel tonnage produced, today under the management of Lehigh men. Lehigh men built the Grand Central Terminal in New York, the Empire State and Chrysler buildings, and the locks of the Panama Canal. The roll of Lehigh alumni includes also scores of presidents and managers in the railroad, electrical, chemical, mining, and general manufacturing industries, and a long list of distinguished engineers, lawyers, physicians, journalists, authors, and educators.

17. Number of Students—Limited to 1500. Approximately 800 in Engineering and about 350 each in Arts and Science and Business Administration.

18. Number of Graduates, 6000.

19. Value of Physical Property, including Endowment, approximately \$12,000,000.

20. Founded 1865 by Asa Packer.



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